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COMPUTERWORLD

BUYER'S GUIDE

Terminals & Peripherals



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COMPUTERWORLD

BUYER'S GUIDE

Terminals & Peripherals

CONTENTS

About the Guide	2
Editor's Note	4
Magazine	5
INDICES	
Intelligent Terminals by Compatibility	A-1
Printers by Print Technique and Speed	A-35
Teleprinters by Device Type	A-93
Smart/Conversational Terminals	
By Compatibility	B-1
Plotters by Device Type	B-51
Digitizers by Device Type	B-65
Disk Drives by Capacities	C-1
Tape Drives by Technology and Speed	C-63
Memories by Device Type	C-91
Peripheral Controllers by Device Controlled	D-25
Advertisers	D-76
LISTINGS	
Vendors	V-1
Intelligent Terminals	A-8
Printers	A-47
Teleprinters	A-94
Smart/Conversational Terminals	B-11
Plotters	B-49
Digitizers	B-69
Disk Drives	C-14
Floppy	C-14
Rigid	C-28
Winchester	C-39
Tape Drives	C-69
Memories	C-102
Magnetic Media Suppliers	D-2
Peripheral Controllers	D-43

About the Guide

The *Computerworld Buyer's Guide to Terminals & Peripherals* is a reference manual containing concise descriptions of terminal and peripheral products and short profiles of the vendors selling these products.

The guide has eleven product sections grouped within four tab dividers. The products covered in this guide are, in order, intelligent terminals, printers, teleprinters, smart/conversational terminals, plotters, digitizers, disk drives, tape drives, memory devices, magnetic media suppliers and peripheral controllers.

Product sections are preceded by a divider, with a fold-out tab identifying the products listed within that section. In cases where several different types of products are included within one tab section, a page with a product classification identifier is inserted before the listings.

Preceding the product listing section is a vendor profile unit (Section V).

The front of the guide has a magazine section featuring articles about the state of the industry, markets and technical information for specific product categories and issues concerning terminals and peripherals.

Also featured in the guide are several indices which provide an overview of the diverse products listed in the guide. These indices are located in the specific product section, preceding the complete listings.

Note: Vendors were offered the option of placing their company name in a larger typeface than the standard listing size. Vendors were also offered the opportunity to add a boxed insert at the end of their listing. These options were paid for by the vendors and should in no way be construed as an endorsement of these companies or products by the publishers of the *Computerworld Buyer's Guide to Terminals & Peripherals*.

PRODUCT LISTINGS

Most of the products listed in the guide have been sorted by a variety of methods and grouped together to allow readers to locate easily the products about which they are interested in learning. For example, disk drives have been categorized into three groupings — floppy disks, rigid disks and Winchester disks. Furthermore, within each disk drive type, products are listed according to drive capacity ranges.

Other methods used to sort the products contained in this guide include print speed, transmission rates, device technology and recording speeds, among others. *When speed or capacity ranges are used to group product listings, those speeds and capacities are always listed in descending order from the fastest to the slowest or from the highest to the lowest.*

Within each specific product category vendors are listed alphabetically, with their products listed in alphabetical and numerical order by model name.

Each product listing contains information about specifications relative to the particular product grouping. Two examples of these listings follow — one for a Winchester disk drive and one for an intelligent terminal.

Each vendor's product listing also contains a cross-reference directing the reader to the appropriate page for the vendor's company profile.

WINCHESTER DISK LISTING

CONTROL DATA CORP.

CDC 9715 FSD-340
Disk Diameter: 9 in.
Capacity: 344M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure:
11,250 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Date First Installed: 1983
(See Vendor Profile Page V-9)

INTELLIGENT TERMINAL LISTING

HARRIS CORP.

917B
Compatibility: IBM 3270
Minimum Memory Required: 16K bytes
Maximum Memory Required: 64K bytes
Processor Model: Zilog Z80
Simultaneous Users: No
Communications Protocols: SDLC
Data Transmission Characteristics:
Half-Duplex
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
(See Vendor Profile Page V-16)

About the Guide

COMPANY PROFILES The company profile section of the *Computerworld Buyer's Guide to Terminals & Peripherals* contains each vendor's address and telephone number as well as a listing of key management, marketing or technical personnel within the firm. In addition, the profile includes the company's target markets, revenue, and geographic market coverage, among other details.

An example of a typical entry is shown on the right.

BBN COMPUTER CORP.

33 Moulton
Cambridge, MA 02238
(617) 497-3053
Major Market: Computer and
Terminal Manufacturing
Target Industries: Defense;
Government; Federal Agencies;
Large Corporations
Target Applications: OA; Data
Control
Contacts:
Head of Marketing: Charles Stein
Head of Sales: Terry Fagin
Geographic Coverage: International
Year Established: 1978
Number of Employees: 449

INDEXING SYSTEM Each product category contained in this guide is preceded by an index, which is located just prior to the complete product listings for the particular product group. The introduction to each index explains the method used to sort the products for indexing as well as the order the full product listings for that category will appear. When necessary, a brief definition of the product is also included in the explanatory notes for the index.

In general, products are indexed according to compatibility with other vendors' systems, technology of the device, capacity, speed and so on. *When product speeds or capacities form the basis of the index, those speeds or capacities are always listed in descending order from the highest to the lowest of the quantity measured.*

In addition, each index includes a variety of other important product information which permits readers to decide which products may best meet their needs and avoid lengthy perusing of the guide. All indices contain the price of the particular product and the page number on which the full product listing is located.

Examples of the disk drive index and intelligent terminal index follow.

Winchester Disk Drives

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Control Data Corp.	CDC 33800 DIRECT	2,520M bytes, formatted	14 in.	\$93,000, w/o controller	C-39
National Advanced Systems	NAS 7380	2,520M bytes, unformatted	14 in.	N/A	C-39
NCR Corp.	6550	1,920M bytes, unformatted	14 in.	\$50,000, w/o controller	C-39

Burroughs-Compatible Terminals

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
American Datacom	ADC SUPRTELEX 400	32.0K bytes	\$3,395	A-8
Burroughs Corp.	ET 2000	256.0K bytes	\$3,795	A-10
Datapoint Corp.	1560	128.0K bytes	\$3,195	A-12

About the Guide

THE ENTERPRISE FILE The Enterprise File is a data base containing information on the thousands of companies that produce or provide computer-related products and services. It is the source of listing information contained in the *Computerworld Buyer's Guide to Terminals & Peripherals*.

plement to the International Data Corp. Data File, a well-known data base of end-user facilities.

Information is gathered and regularly updated by International Data Corp. through printed questionnaires and telephone surveys. To date the Enterprise file has records on nearly 12,000 companies and is targeting 35,000 to 40,000 products for inclusion in the file in the near future.

Editor's Note

Barely a day goes by without several announcements of new terminal and peripheral products crossing an editor's desk. And the exodus of executives from major computer companies to start up firms is a daily occurrence.

This fast-paced environment is indicative of a healthy industry which, in the last analysis, creates technological change and product innovations that benefit the computer user.

However, the benefits of all this activity are not always readily discernable. So, while there may be more products to choose from on the marketplace, making those choices becomes increasingly difficult as the number of competitors in the terminals and peripherals marketplace escalates at unprecedented speeds. For example, the micro-Winchester disk system hit the market in 1980. Today there are more than 125 different products on the market offered by more than three dozen vendors.

Last year \$1.8 billion was invested in 976 rounds of venture capital funding, according to *The Venture Capital Journal*. Of this \$1.8 billion, 38%, or \$684 million, was invested in computer-related firms. Some 26% of the funding for computer-related ventures went to terminals and peripherals firms — no small accomplishment.

Some of these new companies will be the leaders of tomorrow and others will fall by the wayside. This can be unsettling to the data processing professionals

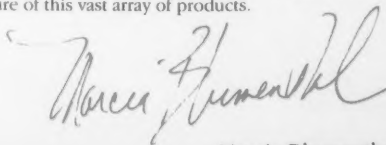
who have to make decisions on purchasing capital equipment.

Today some established and once glamorous companies such as Texas Instruments, Inc., Victor Technologies, Inc. and Computer Devices, Inc. are experiencing varying degrees of financial difficulty. Last month, the once high-flying Osborne Computer Corp., the first firm to debut the portable computer (only two years ago), filed for protection under Chapter 11 of the U.S. Bankruptcy Code, a dramatic example of the vagaries of the computer marketplace.

A major parameter that buyers use in making a purchasing decision is the financial health of the company selling the product. These occasional, but dramatic financial upheavals do nothing to make buyers feel confident about newer, unknown companies in the industry.

One of the ways buyers can make more informed decisions about what products they add to their growing repertoire of information processing systems is to be as knowledgeable as possible about what is happening in the marketplace.

Providing this knowledge is the aim of the *Computerworld Buyer's Guide to Terminals & Peripherals*, the second issue in this series of easy-to-use, market-specific reference manuals. This issue takes an in-depth look at several terminal and peripheral product areas, focusing on the markets, technologies and the future of this vast array of products.



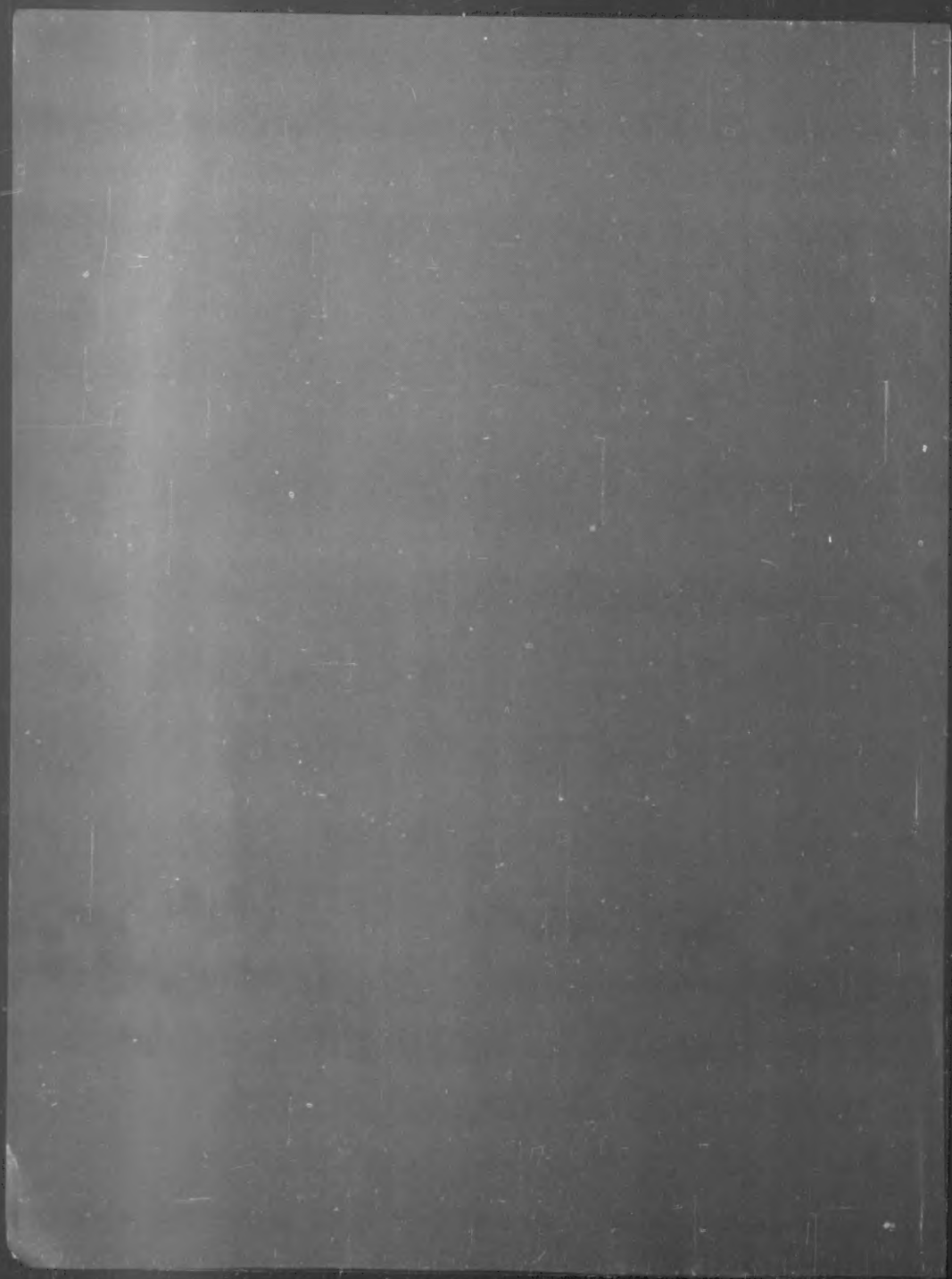
Marcia Blumenthal

COMPUTERWORLD

BUYER'S GUIDE

Magazine

OCTOBER 1983



Magazine

C O N T E N T S

11

The Terminal Connection

By Joseph F. Kelly

It looks as though alphanumeric terminals will survive, but intelligent terminals may be the first casualty of the micro onslaught.

16

Comfortable Computing

By Joseph F. Kelly

When it comes to ergonomics, vendors are rallying around the bandwagon.

17

Hello Central

By Joseph F. Kelly

Telephony is adding a new dimension to terminal/workstation products.

21

Putting Power In the House

By William L. Martin

Areal density is the key to future disk power. Thin-film head technology is a key factor.

24

On Track With the 3380

By William L. Martin

Migration to the new 3380 technology is a necessity, but requires planning.

27

Loading Smaller Disks With More Bits

By Robert Abraham

The incredible shrinking floppy — sub-5¼-in. disks are the new wave.

31

Firing Up the Mini-Winnie Market

By Andrew Roman

Half-height Winchester with pint-size disk diameters are the latest news from the world of miniature hard disks.

35

The Tape Horizon

By Donald C. Collier

The technology may be stagnant, but there's no end in sight for tape drives.

39

Challenging the Old Guard

By Jonathan W. Dower

New print technologies are battling the mainstays, but no one technique has yet emerged as a winner.

44

Etch Marks The Spot

By Tim Scannell

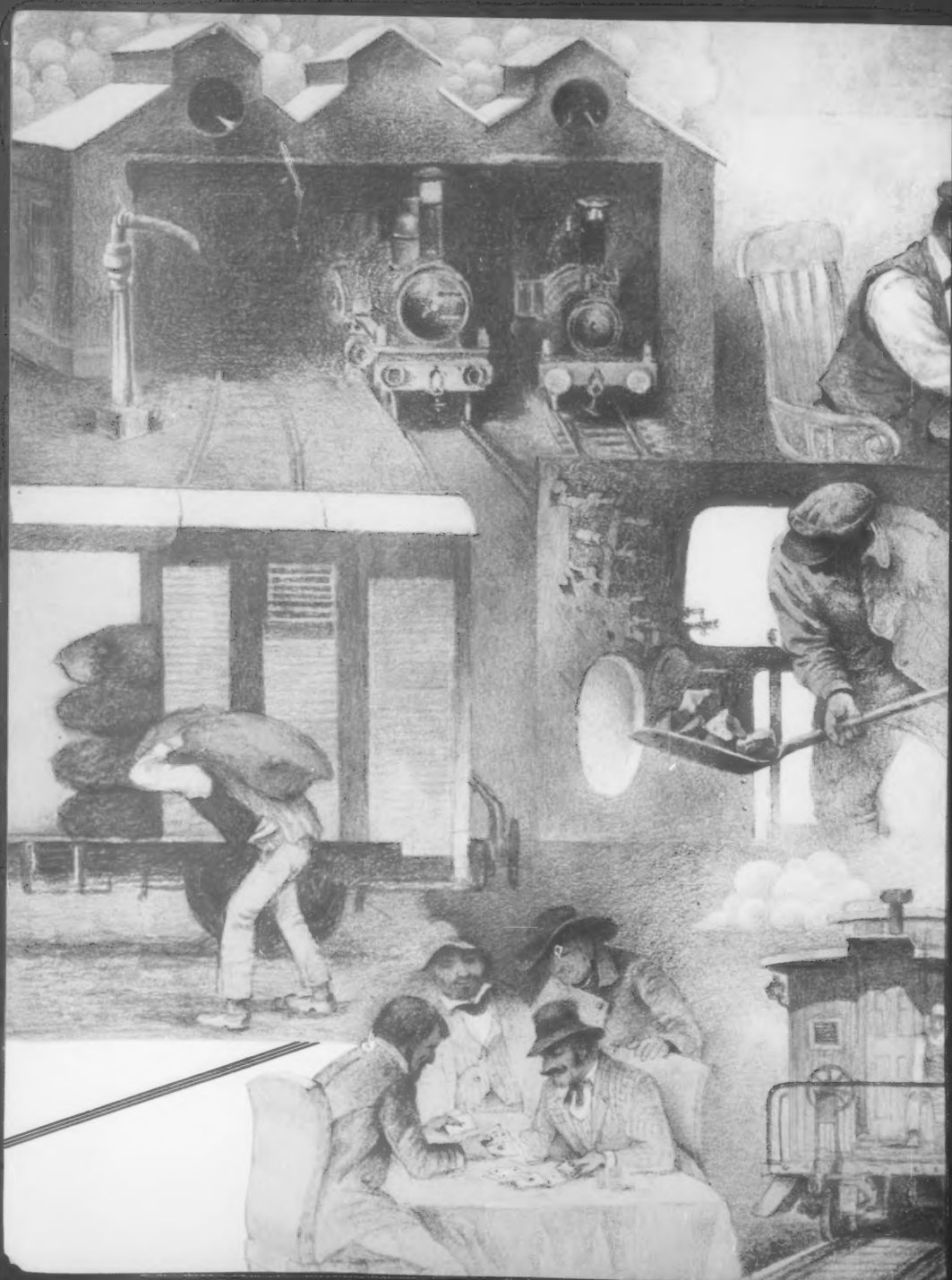
Vertical- and optical-disk recording technologies are the future, but when will they hit the DP mainstream?

48

May We Help You?

By R.C. Lodie

Micro-based products are forcing DP managers to sidestep traditional distribution channels.





ALL ABOARD!

The technology incorporated in new terminal and peripheral products is advancing at an unprecedented speed, resulting in a flood of smaller, more powerful micro-based products as well as increased power and capability for mainstream data processing subsystems. The following stories highlight the directions of several terminal and peripheral markets.

ILLUSTRATION BY ANATOLY DUBIN

Learn more about Personal Computing, Office Automation or Communications in these video journals from CW Communications and Deltak.

Personal Computing: A Business Perspective

Taped on location during CW Communications' COMPUTERWEEK conference, these six video sessions feature many of the biggest names in the microcomputer industry as they share their insights into the application of personal computers in the business environment. Each of the six tapes is 20-30 minutes long, and focuses on a specific issue. Available through Deltak singly or as a group.

- *Thinking Small for Big Business*
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- *Finding a Vendor*
- *Sales Trends and IBM*
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Office Automation: The Essential Issues

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- *The Executive Workstation*
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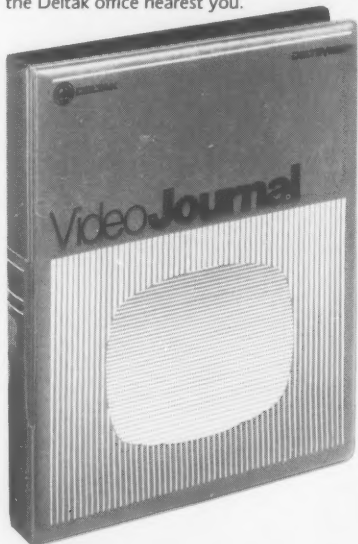
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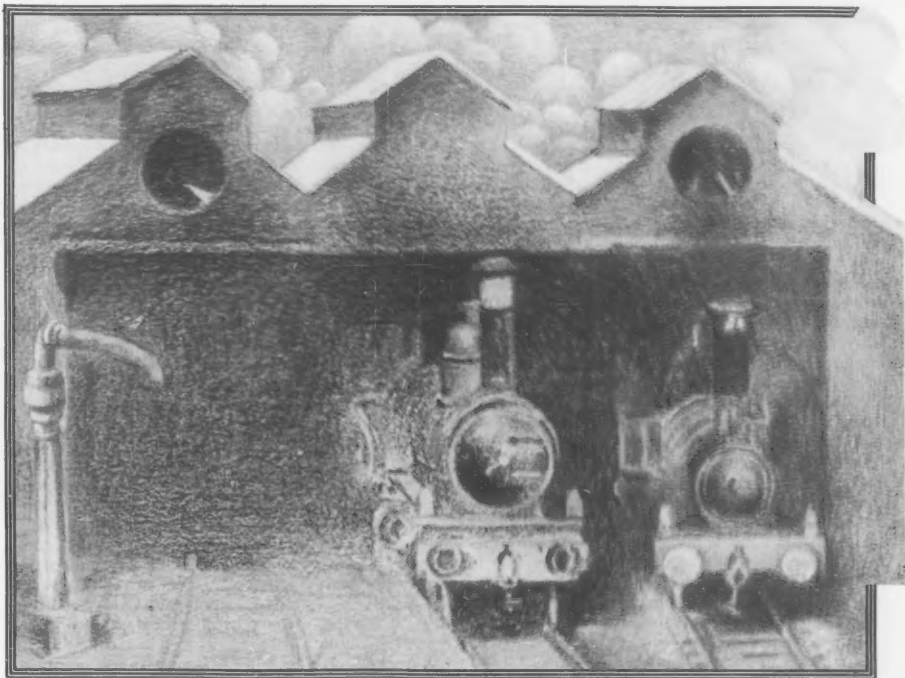
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Dumb/Smart/Intelligent Terminals



The Terminal Connection

By Joseph F. Kelly

Among the approximately 600 vendors who exhibited at the National Computer Conference (NCC) in Anaheim, Calif., last June, the competitors in the alphanumeric display terminal market were, as usual, well represented. These vendors could be found in virtually every nook and cranny of the exhibit floor. Although this market does not attract the same attention as some of the current "glamour" markets such as microcomputers and local-area networks do, competition remains heavy.

The coming of age of the microcomputer has posed a serious threat to the display terminal as it

exists today. There has been a great deal of discussion regarding the possibility of the microcomputer obsoleting the display terminal. Most of these discussions have centered on the low end of this market, the dumb and smart terminals. Micros, after all, can be purchased for little more than it would have cost to buy a fully featured smart terminal a few years ago.

However, the largest threat to the microcomputer explosion may be to the traditional stand-alone intelligent terminal.

The general-purpose alphanumeric display terminal market is composed of two basic segments:

the IBM 3270 and 3270-compatible market and the Ascii terminal market. Both areas are highly competitive and both seem to be flourishing. The degree of competition to be found in these markets greatly benefits the end user through lower prices.

IBM 3270 Market

In March of this year, IBM made some long-awaited changes to its mainstay 3270 Information Display System product line. Introduced were: the 3178 Display Station, a smaller and less expensive version of the popular 3278 Model 2 display; new versions of the 3274

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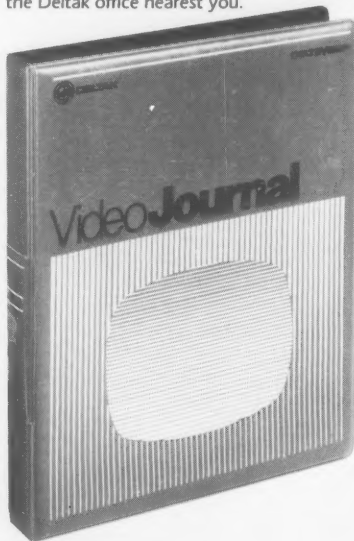
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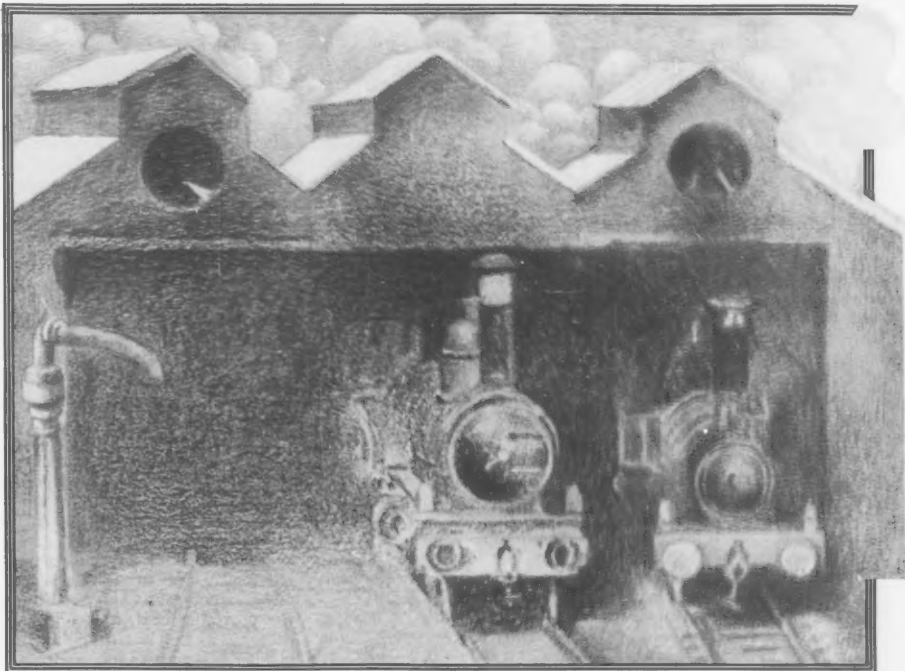
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Control Unit that offer improved price/performance characteristics; the 3290 Information Panel, a gas plasma display; the 3299 terminal multiplexer, a coaxial cable eliminator; and a personal computer attachment for the 3278. Also announced were price reductions on older existing 3270 models and purchase discounts for the 3178.

Presumably IBM made these changes to put added pressure on the independent 3270-compatible vendors. These independent vendors, through lower prices or improved price/performance qualities, have been eroding IBM's share of this market, which is a very profitable one for the industry giant. In order to remain competitive, these vendors now have been forced to reply to the recent IBM announcements with new products or price reductions.

For instance, Harris Corp. and ITT Courier Terminal Systems, Inc. have introduced 3178-compatible terminals. Some firms have reduced the prices of their 3278-compatible terminals and are offering them as full-size alternatives to the 3178.

With this increased pressure, it is now more important than ever for the independent vendors to offer a complete line of 3270-compatible products.

International Data Corp., a market research firm located in Framingham, Mass., estimates the installed base of IBM 3270 and plug-compatible terminals at 31% of the total U.S. installed terminal base of over 6.6 million units.

The table on page 14 gives a summary of some of the major 3270-compatible vendors and some of their products.

The Ascii, or asynchronous, display terminal market has been engaged in a price war for the last few years. While the recent price reductions in the 3270 market have been significant, the reductions in the Ascii market can be characterized as drastic. A few years ago, a display terminal with a single quantity price tag of less than \$1,000 was rare; today, most ven-

dors carry low-end models with prices in the \$500 to \$700 range.

One development which has served to confuse many people in this market has been the blurring of the lines of demarcation between the different types of terminals offered. Traditionally, the general purpose low-end terminal has consisted of two types — the so-called "dumb" and "smart" terminals. The dumb terminal name (coined by Lear Siegler, Inc. in the early 1970s) has been applied to those units which operate in conversational mode, transmitting data character-by-character as it is entered on the keyboard. These terminals, as a rule, possess limited editing capabilities and visual attributes. Smart terminals, on the other hand, are differentiated from their dumb counterparts by offering block mode transmission, more extensive editing capabilities and enhanced visual attributes. But, as hardware costs fell vendors began to offer more and more functionality, for the same or lower prices. As a result very few truly "dumb" terminals now exist.

Another significant development in this market is the proliferation of inexpensive, general-purpose color terminals. It is generally acknowledged that IBM legitimized the color terminal market with the introduction of the 3279 Color Display Station in 1979. Most of the major independent 3270-compatible vendors have since added color models of their own. In November 1982, Applied Digital Data Systems, Inc. (ADDS) introduced the Viewpoint/Color, an Ascii color model. The Viewpoint/Color was not the first color terminal of its kind; its significance, however, lay in its price. At \$995 in OEM quantities of 100, the Viewpoint/Color broke the important sub-\$1,000 barrier and became the lowest priced general-purpose color terminal on the market at the time. Esprit Systems (formerly Hazeltine Corp.) responded by introducing the Esprit III Color at NCC, which carried a price tag of \$995 in single quanti-

ties. It certainly seems only a matter of time before most of the vendors in this market introduce their own affordable color models.

Despite plummeting price tags, an increasing number of new vendors seem willing to take the plunge into the terminal market. A subsidiary of ITT, Qume Corp., is the most noteworthy new entrant. Presumably, many of these new entrants have been spurred on by the success of TeleVideo Systems, Inc., a Sunnyvale, Calif.-based manufacturer that began deliveries of its first low-cost Ascii terminals in 1979. By 1982, the company had shipped 100,000 units. TeleVideo has capitalized on its success in the terminal market to expand into the lucrative micro and personal computer market.

In contrast to the display terminal market, the past few years has seen little activity in the intelligent terminal area, with most of the emphasis directed to distributed data processing. The distributed concept provides for the placing of intelligent devices in multiple sites within a company, with each device providing local processing capabilities as well as having the capability to access resources at remote sites. Both interactive and batch data communications capabilities are provided by most DDP systems. A wide variety of applications software is usually available, providing such diverse capabilities as data entry and word processing.

Some of the more significant DDP products currently marketed include the Four-Phase Systems, Inc. Series 5000; the Harris Mind series; IBM's 8100; Mohawk Data Sciences Corp.'s Series 21; the Northern Telecom, Inc. 585; and Sperry Corp.'s UTS 4000. As mentioned previously, however, the classification of these types of systems is tricky; there are many diverse systems that are marketed as and can perform as a distributed data processing system.

Likewise, many microcomputers were marketed as intelligent terminals before the micro became a "star." Given the variety of mi-

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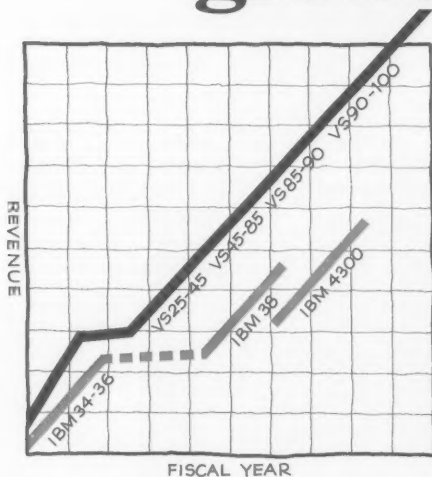
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TERMINALS

crocomputer and personal computer products currently offered, one would be hard pressed in many cases to tell the difference between micros and intelligent terminals. This being the case, one would expect that vendors of products that traditionally have been classified as intelligent terminals to switch to the microcomputer market. Many traditional dumb and smart terminal vendors have expressed interest in this transition, and one, TeleVideo, has enjoyed tremendous success. Others will try to emulate this strategy, but their success will be dependent upon their ability to market software as well as hardware.

Intelligent terminals are also being pressured from that very

same low end. Many smart terminals have been upgraded to the point that their capabilities compare favorably with their higher-priced cousins. In addition, a number of display terminal vendors, specifically those competing in the nonintelligent 3270-compatible area, have added optional personal computing capabilities to their products. The Digital Equipment Corp. VT100, an Ascii terminal, may be upgraded to a personal computer through the addition of a printed circuit board. Given the popularity and widespread acceptance afforded to the IBM Personal Computer since its introduction, it is not unlikely to see this type of optional capability being added to more terminals.

Finally, with the emerging interest in the local-area networking concept, it is unlikely that in the future there will be many microcomputers introduced that do not contain extensive communications capabilities. Already widely accepted as a corporate tool, the microcomputer will achieve full acceptance once it becomes an integral part of the firm's communications network. So, as the distinctions between different terminals continue to fade, it is possible that the intelligent terminal may become the first casualty of the microcomputer onslaught.

Kelly is associate editor/analyst at Datapro Research Corp., located in Delran, New Jersey.

Vendor	Model	IBM Control Units Emulated	IBM Display Stations Emulated	Personal Computing Capability
Carterfone	7276	—	3276	No
Computer Communications (CCI)	Group 8000	3274	3276/3278	No
Control Concepts	EM-3276/CC-3276	—	3276	No
Datamedia	Excel 3270	—	3276/3278	No
Harris	9200	3274	3178/3278/3279	Yes
Icot	700/701	—	3278	No
Informer	370	3274	3278	No
C. Itoh (ACM)	CIE-7800	—	3178/3278	No
ITT Courier	270	3274	3276/3178/ 3278/3279	No
Lee Data	Series 300/400	3274	3278/3279	Yes
MDS Trivex	Plus 80	3274	3278	No
Memorex	2078	—	3276/3278/3279	No
Northern Telecom	290	3274/3276	3278	No
Paradyne	PDS 270	—	3278	Yes
Phaze	P9010/P3278	—	3178/3278	Yes
Racal-Milgo	4270	3274	3276/3278	No
Raytheon	PTS-2000	3274	3276/3278/3279	No
Teletype	4540/5540	3274/3276	3276/3278	No
Telex	270	3274	3276/3178/3278/ 3279	Yes

Source: Datapro Research Corp.

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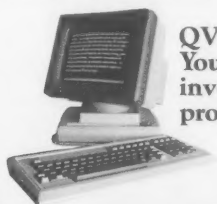
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Comfortable Computing

By Joseph F. Kelly

Any discussion of current trends in the display terminal industry would be incomplete if it did not touch on the subject of ergonomic design. The most obvious change in display terminals over the last few years would have to be in their physical appearance. Only five years ago, a display terminal equipped with an attached or integral keyboard was fairly commonplace; nowadays, nearly every display made includes a detached keyboard. Thus the operator can move the keyboard to virtually any spot on the desk or on the lap, if desired. Many vendors are now offering a "low-profile" keyboard, a thinner version of the standard keyboard, which, in some cases, also provides tilt adjustments.

A good deal of controversy has surfaced on the effects of constant CRT terminal use on workers. Spurred by workers' complaints of eye strain, dizziness, nausea, and skin irritations, agencies such as the National Institute for Occupational Safety and Health have conducted studies on the potential health hazards presented by display terminals. Up to now the results have been inconclusive, but

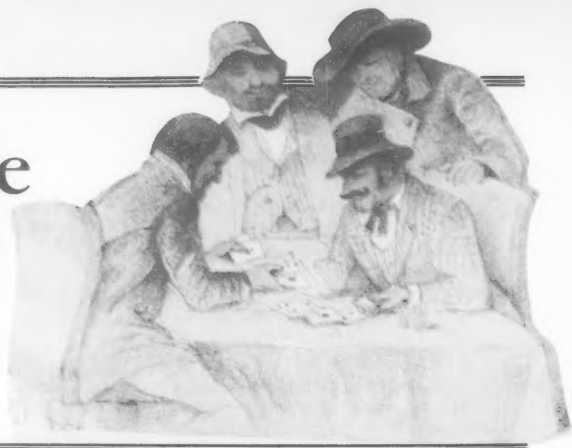
the vendors have responded by designing new terminal enclosures that they hope will bring their product line acceptance among operators.

More and more vendors have introduced terminals with 15-in. diagonal screens. While the characters on these screens are easier to read, the monitor is larger and takes up more room on the desk. IBM's new 3178 contains a 12-in. screen, in place of the IBM 3278's 14-in. screen, and provides a smaller footprint. Footprint size is an important factor in companies where desk space is limited. Informer, Inc., a terminal vendor located in Laguna Hills, Calif., specializes in terminals which take up a minimal amount of space. They have also recently introduced a terminal with a 9-in. screen that is portable; the keyboard folds up into the terminal face and locks. Direct, Inc., located in Santa Clara, Calif., also provides the fold up

and lock type keyboard.

As with the detachable keyboard, display screens with tilt and swivel adjustments are quickly becoming the rule. These allow the operator to position the screen in the most comfortable viewing position and helps to eliminate glare. Antiglare screens themselves also combat this problem. Green-phosphor characters can now be found in the vast majority of displays, instead of the traditional white. Amber-phosphor characters, currently popular in Europe, are gaining in usage in the U.S.

Alternative display technologies, most notably flat-panel displays, are currently under development in many companies. IBM's 3290 Information Panel drew a great deal of interest at this past National Computer Conference. But the relative expensiveness of these technologies ensures that the CRT will be with us for some time.



Voice/Data Terminals/Workstations



HELLO CENTRAL

By Joseph F. Kelly

Because a great deal of today's corporate business is accomplished over the phone, the addition of telephony to conventional display stations is creating a new dimension in the terminal/workstation marketplace. This added voice feature is propelling the usage of workstations by managers, a group that has resisted the workstation concept because of the association of a keyboard with clerical tasks.

In 1981, Northern Telecom, Inc. got the ball rolling in this market with the introduction of its Displayphone, a device which integrated voice capabilities with data capabilities through the addition of a conventional telephone handset.

Acceptance for the Displayphone came slowly, but it is finally burgeon-

ing, with Northern Telecom reporting installation of 10,000 units since its introduction two years ago.

The range of applications for which a voice/data workstation can be used is large, and probably will continue to grow. Comparisons of the currently available models, which are detailed at the end of this article show that no two products are exactly alike. The basic telephone features, such as automatic dialing, last number redial and call forwarding have been combined with a wide array of data functions. New products from Mitel Corp. and Sydis are equipped with internal memory which gives them personal computing capabilities to go along with their voice capabilities.

The standard feature common to all

products is the telephone handset. The handset in most cases is located on the keyboard or display console (exceptions to this are the Basic Telecommunications Corp. Datavoice terminals, in which the handset is located on top of the display, and Novation, Inc.'s portable Infone, which contains a miniature handset which embeds just above the LCD display). All of the models contain a telephone number directory which stores frequently used numbers (along with name and address data) for automatic dialing. Other telephony features common to these workstations include:

- Automatic redialing of the last number called.
- A hold-call capability.
- Multiple telephone line connection, so that voice and data transmissions can be made simultaneously.
- Hands-free dialing, so that numbers can be dialed without having to lift the handset.
- Hands-free speakerphone, so that one or more persons can listen without having to lift the handset.

Depending on the degree of sophistication that the vendor has built into the product, several other features facilitate voice communications. In addition, some vendors (such as Northern Telecom) have introduced or will shortly introduce workstations specifically designed for use with a private branch exchange (PBX).

Another important capability common to most of the products is electronic mail. Electronic mail capabilities vary from product to product, but most of the workstations allow the user to create, to edit and to send electronic messages as well as to receive and file them. Voice mail is also available on some models.

All of the products can perform basic terminal functions. All support asynchronous (Ascii) transmission; some offer IBM 3270 and Digital Equipment Corp. VT100 compatibility, either standard or as an option. All can access internal data bases, as well as external data bases, such as Source Telecomputing Corp.'s The Source, to give the executive valuable financial information,

often at the touch of a single key. Some of the workstations provide enhanced data processing capabilities also, as well as word processing. As was mentioned earlier, no two of the products covered here are exactly alike — they can fit a variety of needs. The comparison columns at the end of this article can help you identify the workstation that is most suited for your needs.

The Competition

Northern Telecom introduced the Displayphone in February 1981, thus becoming the pioneer in this market. Initially, the Displayphone encountered the usual problems that a brand new (or unknown) product generally encounters. Two years later, however, the product has been fully accepted and is very successful. Physically, the Displayphone is one of the smallest products of this kind, with a 7-in. (diagonal) display and a keyboard which retracts into the main unit. The Displayphone features basic data and voice capabilities as well as electronic mail.

Vendor/Product	Basic Tele-Communications Model 10/20	Davox Series 821/921	Digital Transactions Telterminal	GTE XT300
Characteristics				
Configuration	Stand-alone	Cluster	Stand-alone	Stand-alone
Teletype compatibility	Yes	Optional	Yes	Yes
IBM 3270 compatibility	Yes	Yes	No	No
Display screen size	9 inches	12 inches	1 line	9 inches
Display capacity (no. char.)	1920	1920	640	1920
Editing features	Yes	Yes	No	Yes
Electronic mail	Yes	Yes	Yes	Yes
Keyboard	Detachable	Detachable	Integral	Integral
Telephone no. directory	100	Yes	250	50 voice, 8 data
Hands-free dialing	Yes	Optional	Yes	Yes
Last number redial	Yes	Yes	Yes	Yes
Purchase price	\$2,150-\$2,495	\$1,995-\$2,180	\$2,495	\$1,495

Northern Telecom now makes the Displayphone available in a variety of configurations, including the Displayphone SL-1, designed for use with the company's SL-1 PBX. Several enhancements have been made to the original product, and more are anticipated.

Davox Communications Corp. (formerly Datavox) is a high-technology firm formed in 1981. Its products, the Series 821 and Series 921, are unique in this market in that they are cluster-type, multi-protocol workstations aimed primarily at the IBM 3270 market. In addition to IBM emulation, the company also offers Ascii and DEC emulations, as well as IBM Personal Computer capabilities. The Davox desksets provide a high degree of functionality in both the data and voice area. This functionality is facilitated to a great degree by the workstation's "Smart Buttons," software keys which can be personalized by the user to perform several types of functions via a single key stroke. Also available is a unique teleconferencing capability that allows the user to inter-

rupt voice conversation, transmit data to the party on the other end of the line and then resume the voice conversation.

Tymshare, Inc. unveiled the Scanset XL in November 1982. The Scanset XL combines voice capabilities with the data capabilities of the company's Scanset personal information terminals, which were designed primarily to access data via single- or dual-button operation. The Scanset XL carries a price tag of only \$895; included in the price are special subscriptions to The Source, Dow Jones' News Retrieval Service and Comp-U-Star shopping service.

GTE Business Communication Systems brought the XT300 Action Station to market in September 1982. Like the Displayphone and the Scanset XL, the XT300 is a compact workstation (9-in. display with integral keyboard) designed to occupy a minimum of desk space. The XT300 provides full voice and data capabilities, as well as electronic mail (GTE's Telemail access). The voice capabilities of the XT300 are particularly impres-

sive — it features simultaneous voice and data transmission over two telephone lines, as well as a wide variety of additional telephony features.

Basic Telecommunications, located in Fort Collins, Colo., offers the Datavoice workstations in two models, the Model 10 and 20, both of which provide a wide range of features. The workstations feature a 9-in. display and a detachable keyboard. Electronic mail is standard on both models, with voice mail available on Model 20 only. IBM 3270 emulation, as well as Ascii emulation, is also available for both models.

One of the most talked-about products in this market is the Kontakt, from Mitel. The Kontakt is a full-size (12-in. display with detached keyboard), multifunction workstation. Features include full voice capabilities, full data capabilities including visual attributes and editing features, electronic mail and IBM 3270 and DEC emulation. Features that set the Kontakt apart from most of the previously mentioned products include 128K

Mitel Kontakt	Northern Telecom Displayphone	Novation Infone	Rolm Cypress	Tymshare Scanset XL	Sydis Voicestation
Stand-alone	Stand-alone	Stand-alone (portable)	Stand-alone	Stand-alone	Cluster
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	No	Yes	No	Yes
12 inches	7 inches	1 line	9 inches	9 inches	12 inches
2480	1920	40	1920	1920	3952
Yes	Optional	No	Yes	No	Yes
Yes	Yes	Yes	No	No	Yes
Detachable	Retractable	Integral	Detachable	Integral	Detachable
200	90	200	200	36	Yes
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	No	Yes
Under \$5,000 (configuration-dependent)	\$900-\$3,400 (configuration-dependent)	\$1,150	\$1,950	\$895	\$5,000-\$7,000 (configuration-dependent)

Source: Datapro Research Corporation

bytes of random-access memory (an additional 128K bytes is optional), a 5¼-in. disk drive (a second drive is optional) and a pair of optional software packages, Parallax Systems, Inc.'s Execuwrite (word processing) and Execucalc (electronic spreadsheet). The Kontakt is designed for more extensive applications than some of the other products mentioned here. In addition, Mitel has under development a new workstation, the Superset 7, designed for use with the company's SX-2000 PBX.

Another new high-technology entry in this field is the Voicestation, manufactured by Sydis. The Voicestation is a multifunctional workstation which is clustered around a central node. The Voicestation integrates voice, data, text and graphics applications. Featured are full telephony capabilities, dictation, transcription, voice annotation of text, voice messaging and personal comput-

ing. Menu selection of features can be accomplished through an optional mouse. The Voicestation can communicate over Sydis' Sylink local-area network at 320K bit/sec, using existing telephone lines. Finally, the Voicestation features a unique ergonomic design with a full-size 12-inch screen and a detached keyboard which occupies only 123 square inches of desk space.

Rolm Corp.'s new entry in this market is the Cypress personal communication terminal. The Cypress is a compact unit with a 9-in. screen and a retractable and movable keyboard. Functionally, the Cypress provides IBM 3270 compatibility (via the Rolm IBM Gateway), and DEC compatibility, and provides one-button access to Rolm Phonemail. It can also operate over from one to four phone lines.

A newcomer to this field is Digital Transactions, a Stamford,

Conn.-based start-up. Their new product is called the Telterminal, which features an eight-line LCD display and integral keyboard. Full voice capabilities are standard on the Telterminal.

Novation's Infone sports an integral modem, has a single-line LCD display, calculator-type keyboard and a miniature handset built into the face of the terminal. The Infone's small size and electronic mail capabilities make it ideal for executives and sales people who travel a great deal.

In addition to already announced products, several companies are said to be developing voice/data products. Among them are AT&T Information Systems, Inc., formerly American Bell, Inc., and Harris Corp. Look for many more vendors to follow suit, particularly those who are heavily involved in telecommunications. □

Putting Power In The House

By William L. Martin

Although users may have little interest in the areal density of magnetic disk storage, increases in areal density, however, have lead directly to reductions in storage costs. Today, 1M byte of leased disk space costs 90 cents per month based on 1.5M bytes per square inch of areal density. In 1966, the cost was \$18 per month. This dramatic change is due primarily to increased areal density (bit density times track density). If 3M bytes per square inch is reached, costs are expected to decline to about 45 cents per megabyte per month. Five manufacturers today offer areal densities of 1.5M bytes per square inch — Control Data Corp., Ibis Systems, Inc., IBM, Memorex Corp. and Storage Technology Corp. Thin-film head technology is the most recent achievement contributing to increased areal density. Three factors have made this possible: automation, "clean room" environment and smaller head size. Automation of photolithographic techniques has replaced former manual processes for fabricating read/write heads, the device that reads from and writes on the disk surface. Automation not only reduces costs, but also greatly increases the degree of precision possible. This is key to increasing product reliability. Another factor is fabri-



cating the heads in a "clean" room, through which air is filtered to control contaminant particle count. Photolithography occurs in a room with fewer than 100 particles per cubic foot. In comparison, a typical office environment has 20,000 particles per cubic foot. Removing contaminants is another way to improve reliability.

Increases in density are achieved by reducing the size of the head structure. The width of the head determines the track

width, and the width of the gap in the head determines the bit length. The current track width of 35 microns — a micron being a millionth of a meter — yields 810 tracks per inch, and bit length of 4 microns gives 15,200 bits per inch.

T**Technology will make possible much greater bit densities. It will not, however, make possible greatly improved rotation speeds or seek characteristics. These are basic physical limitations imposed by the nature of physical motion.**

Among the several thin-film head manufacturers, little difference exists in this aspect of the technology. Two considerations in selecting a vendor are the manufacturer's commitment to thin-film head technology and their demonstrated investment in clean room facilities.

Fixed Media

The first unit to feature nonremovable media was the IBM 3350-type disk. The media was enclosed to maintain an environment free of particles which cause head crashes.

Two options are available in the IBM 3380-type disks. One is a device with a sophisticated three-stage air filtering system. The last stage, an "absolute" filter, limits the maximum particle size. The second option is a smaller, sealed

head disk assembly that creates less heat. Cooling is done by conduction through the case, and air does not pass through the assembly. Humidity is expected to be much less of a problem in this design than in the first option.

Two types of media are currently available: ferrous oxide (particulated) or metallic (plated). Ferrous oxide has been the industry standard and is used in the 3350-type disks. As bit densities increase and bit size becomes smaller, media with higher frequency capability will be required.

The 3380-type disk today is offered with the ferrous oxide media. It is less expensive and meets current bit-density requirements. Significantly higher bit density in the future will require metallic media.

The increased business efficiency made possible by on-line data bases, has led directly to the tremendous growth in computer systems and the amount of disk storage used with these systems. A typical system today will have 4G bytes of disk storage for each millions of instructions per second (Mips) performance of the main processor. For example, an IBM 3083 Group Model J is rated at 7.3 Mips. This would be supported by 30G bytes of disk storage in the I/O subsystem, or about 80 3350-type spindles.

Increased use of disk storage has also caused other impacts. The disk is now shared by many users. With multiprogramming this allows two or more tasks to access the same disk simultaneously and contention is introduced into the system. Although simulations and measurements have proved contention exists, there are no means to quantify it.

The user must now be aware that the configuration selection and data placement have become more important with regard to the new disk technology. To solve this problem the user may need a systems programmer, perhaps an unforeseen situation.

Increased levels of contention

was a major fear when the 28M-byte IBM 2314 disks replaced the 7.3M-byte IBM 2311 model. One main concern was whether this nearly four-fold increase in capacity would cripple performance.

Similar fears accompanied the introduction of 100M-, 200M-, 317.5M- and 635M-byte devices. In each case, conversion to larger capacity was successful without major contention problems.

The key to avoiding contention in large capacity volumes is intelligent storage management. One feature to examine carefully is the availability of additional data paths offered in some disk units to give greater access to each data volume. Dynamic Path Select and the improved Dynamic Path Select Extended features provide better performance for these large capacity volumes.

Although the 3380-type devices provide increased reliability compared with past devices, what about availability? Failures do occur and the DP operation must continue in spite of them. The goal is to minimize the negative impact of a failure by making sure the most critical data is placed on the best performing device.

Several techniques such as IBM's Logrec, the data set name in the system, and Sysres — the system resident pack — have been developed to determine both the most critical data and which device would best perform given availability problems. A side benefit of these techniques is that the user will also find out which device performs worst and can then direct some needed maintenance toward correcting the problem.

Power supplies are a common point of failures, and redundancy in power supplies is rare. Even if a supply itself does not fail, it often must be shut down while a card in a device is being changed. If the supply provides power for additional devices, they are also affected by the failure. The impact of a failure from a power supply can be minimized by selecting devices designed with independent pow-

er supplies.

Some 3380-type devices have been designed with special attention to maintenance. Remote technical-assistance capability can greatly improve availability. This feature enables design engineers to interact with the system from a remote location to solve a complicated system-level timing problem.

Other maintenance considerations include what units are field-replaceable and how long it takes to change a head assembly. Some designs are better than others.

In addition to considering maintenance features built into a device, planning recovery procedures before a failure occurs can minimize interruption of operations.

Technology changes bring many impacts on the user. Most are beneficial but all require that the user adapt the new technology to specific applications.

The current trends in increased density for auxiliary storage devices will continue. Technology will make possible much greater bit densities. It will not, however, make possible greatly improved rotation speeds or seek characteristics. These are basic physical lim-

itations imposed by the nature of physical motion. But a range of disk devices that attempt to cover the range of application needs will become available.

At one extreme will be disks with several heads per track to provide improved seek times at the expense of capacity. At the other extreme will be devices with great capacity with modest search or access times. We may also see disks with increased data rate capability that will be the result of greater bits per inch.

There is reason for the 630M-byte logical volume to remain. Migration from one type of disk to another continues to be difficult simply due to the large quantity of data that must be handled. If means can be found to avoid this unproductive work, then there is the possibility for change. This is probably not very likely and the present volume sizes should persist for some time.

New Devices

The most promising new storage device is the optical or laser disk. These may provide the largest capacity units in future systems. Today's laboratory units easily record 1G byte per surface, with 4G

bytes per surface probable in the near future. Except for some work on an erasable device, a unique feature of the optical disk is that the media is not reusable. Estimates of media cost are in the range of \$100 per disk or 10 cents per megabyte.

A user may find in such a device ideal solutions to several current problems. It may provide an ideal archival device. Its cost is low and it provides a level of access comparable to a disk because it is a random-access device. It also provides a means to avoid the need for special backup files. When a file is changed, a new copy is simply made, retaining the old version for backup purposes. This is a process very similar to "generation data groups."

Finally, it can be made removable, so that a full disk can be removed and placed on the shelf. A full 1,000M bytes of data can be restored by hand from a shelf or storage room much quicker than a fixed media volume can be restored today. □

Martin is manager of systems architecture for Control Data Corp.'s Peripheral Systems organization.

3380 Migration

On Track With The 3380

By William L. Martin

The advancement in technology that has lead to the development of the IBM 3380 disk storage device not only brings new capabilities to computer systems but also challenges users to bridge efficiently the gap from the old to the new storage systems.

An orderly and controlled migration of data to a new disk system is no doubt a rarity, but such a migration is a requirement if users are to maintain efficient, cost-effective computer systems. There are several reasons for migration.

Growth in new applications tops the list of reasons for migrating to the 3380-type disk device. The applications backlog in most DP departments is testimony to this growing de-



mand. New applications and growth in existing applications creates the need for additional space to hold new data files. Today the typical disk storage space growth rate is 40% to 50% annually.

The improved efficiency and responsiveness that results when an application is changed from a batch to an on-line environment is another reason for converting many applications.

As files and data sets become larger and are used by more people, response time often begins to suffer and contention within the system increases. Converting to the higher performance 3380-type disk device is a way of addressing this problem. The 3380 disk provides improvements in cost per megabyte. Currently, the monthly leased cost per megabyte is 90 cents based on the price of the IBM 3380 model B4 disk unit.

And, finally, users need storage devices with improved reliability. On-line applications are more demanding and are less tolerant of device failures. In addition, as the number of devices increases, their reliability must also increase to sustain overall system reliability.

For example, if a disk unit fails once per year, then a system with one unit fails once each year. A system with 12 units will fail 12 times in a year. In order to maintain the original system reliability, a device with a 12-times improvement in reliability is needed.

Now that 3380-type disk drives are readily available, users must address the task of incorporating them into systems as efficiently as possible.

The requirement for migration exists because the new device has characteristics that are not transparent to application data files. Changes in these characteristics require changes to the user applications not only so they will use the storage space efficiently but also so the applications will execute successfully.

The task of migration can be divided into five steps: planning,

premigration analysis, migration, post-migration problems and post-migration analysis.

The size of the migration task will determine how extensive a plan is needed. Conceptually, the task is straightforward. In a typical system today, there are nearly 10,000 data sets that are candidates for migration. This can be a major undertaking, and a systematic plan for migration is needed.

An important first step is determining which data sets will be moved to the new disks. This is a complex decision with no hard rules and is a compromise between many different requirements.

Data set size: 3380-type disks have large 47K-byte tracks. If space is to be allocated by the track, a 4K-byte data set may not be a good choice for migration.

Block size: 3380-type disks have large 480-byte gaps between blocks (185 bytes on 3350-type disks). Short blocks are therefore very inefficient.

Data rate: 3380-type disks have a 3M byte per second data rate (1.2M bytes on 3350-type devices). Where the data rate will improve performance, the 3380-type disk is a good choice.

Software support: Not all programs have been modified to provide 3380 support. This is a changing situation that needs to be continually reviewed.

Floor space: The 3380-type disk has a smaller footprint. This is often the most important consideration since the new disk is the only way to allow growth in a confined facility.

This list is not exhaustive, but it suggests major factors that must be considered. Some users are maintaining their existing system and placing new applications on new disks. Later, they may move data sets to the most optimal device.

The 3380-type disk has a track length of 47K bytes. The largest block that can be written by existing access methods is 23K bytes. The problem then is to find a block size that fits the 47K track, can be

written by the software and will fit into main storage as well as be accepted by the JCL, and, if the data set is also to be on other disk types, accommodate their unique track sizes efficiently.

The following table may prove helpful as a starting point:

Block Size (K bytes)	Device Types
6.2	3330, 3350, 3380
9.0	3350, 3380
23.0	3380

The requirement for migration exists because the new device has characteristics that are not transparent to application data files. Changes in these characteristics require changes to the user applications not only so they will use the storage space efficiently but also so the applications will execute successfully.

The fact is that large block sizes, when used with large numbers of buffers, require large amounts of virtual space and may negatively impact the amount of paging in a system.

The 3380-type disk has the following performance characteristics:

Transfer rate:	3.0M byte/sec
Seek:	
1 track	3.0 msec
Average (295 tracks)	16.0 msec
Max. (885 tracks)	30.0 msec
Rotational Delay:	16.67 msec

Not only must users keep these characteristics in mind, but they must also consider the effect that a configuration has on performance. Some vendors are providing additional data paths to the 3380-type disk; this not only improves availability, but decreases the amount

of contention. Contention for data on large capacity volumes is going to increase simply because there is more data on the volume.

Migration: The actual migration can be anticlimatic if the planning and pre-analysis have been done carefully. There are several utilities such as IBM's Iebcopy, Iebgener and Iehprogram that may be employed to perform the actual move. Some of these may be incorporated into other functions such as the hierarchical management system.

Post-Migration Problems: A complete migration plan includes

verification that once the data has been moved, the application program will still run successfully. Performing this test before the original data has been erased may prove very beneficial in discovering subtle job control language problems that had not been anticipated.

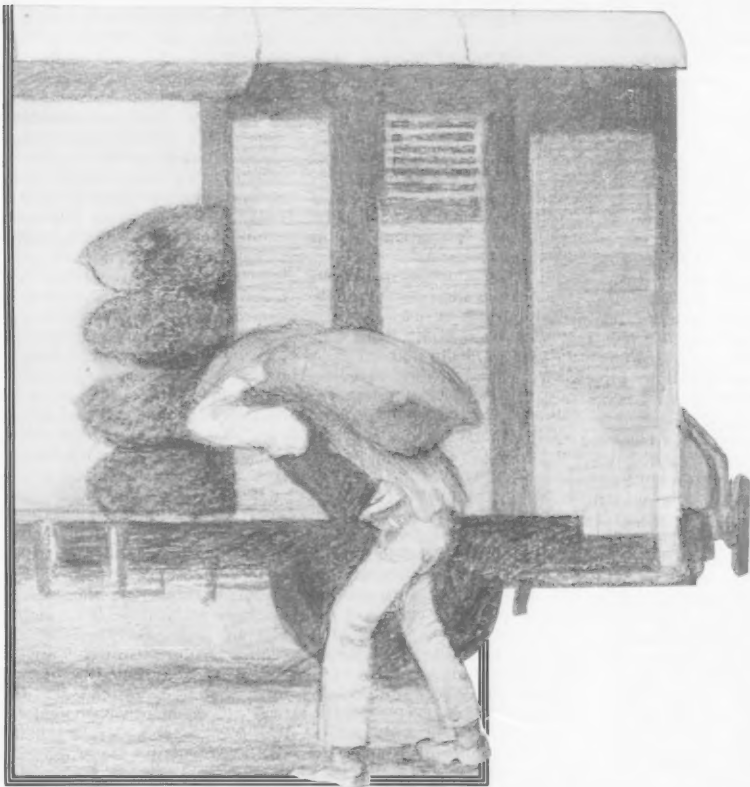
Post-Migration Analysis: As has been mentioned, once the selected data has been migrated, performance analysis may be appropriate to determine if the anticipated performance gains have been achieved. Though the 3380-type disk has a higher data rate, placing

several files requiring this higher data rate on it will probably cause too much contention.

Functions performed during this post-migration period involve standard maintenance and monitoring activities.

Technology has provided the means to achieve new levels of performance and efficiency in the form of the 3380-type disk device. It is the users who must provide the bridge to utilize that technology through familiarity with their own systems. □

The Floppy World



Loading Smaller Disks With More Bits

By Robert Abraham

Today, the 8-in. floppy is essentially a commodity item and is still a major factor in the marketplace, but it has been surpassed in sales this year by the 5¼-in. minifloppy drive, which offers the widest range of capacities and speeds of all flexible drives.

On the horizon is a still smaller diskette drive — the sub-5¼-in. microfloppy. The market for this diminutive drive, which appears to be crystallizing around the 3½-in. diskette, is gathering momentum and will soon become a third disk storage alternative. What all three drive types share — and users benefit from — is better performance and lower costs through the use of microprocessors. An examination of the markets,

technologies, applications, pricing and tradeoffs for each drive will help computer users decide on the one that best suits their needs.

Three major factors are driving the performance, configuration and pricing of flexible disk systems. These factors are: increased use of microprocessors in drive design; smaller package sizes with the addition of half-height configurations in 5¼-in. and 8-in. drives and the emergence of a sub-5¼-in. microfloppy drive; and an upward growth in capacities in the 5¼-in. and sub-5¼-in. versions. Each advance brings distinct benefits and helps to further entrench the floppy disk drive as the basic random-access, low-cost storage device for mini- and microcomputers.

Microprocessors can provide more accurate positioning of read/write heads. In positioning heads, tolerances are microscopic, and the microprocessor seems tailor-made for the task. It precisely aligns the recording head that travels from track to track in 3 msec, typically, to access data on a track that is only 0.0074 in. from adjacent tracks (135 tracks per in.). The payoff to the user is greater accuracy and reliability of data. The second improvement in performance is a result of the microprocessor's ability to speed up the damping, or settling, time of a head before it arrives at a track destination.

Buffered seek operation also improves access time. When a drive's controller directs the read/write head to move 60 tracks across a disk's surface, for example, it takes 180 msec to carry this out at the typical stepping rate of 3 msec. In a normal operation, the controller issues a command every 3 msec. Hence, the controller is tied up for 180 msec while issuing the 60 discrete commands.

A microprocessor, however, uses a buffered seek mode of operation to receive all 60 commands in a short burst of pulses. The microprocessor memory buffers, or holds, this information and carries

out the orders by itself, freeing the controller to perform other functions.

Smaller Sizes. Compared to the 14-in., 24-in. and even 48-in. diameter rigid disks that provided random-access data storage in the earliest computer systems, the 8-in. flexible diskette that appeared in the early 1970s was a study in miniaturization. A drive became standardized around this 8-in. diskette, measuring approximately 4.6 in. high, 8.5 in. wide and 14 in. long.

In 1980, Tandon Corp. became a pioneer in the marketplace by developing a drive that did exactly the same tasks as the larger 8-in. drive but was half as high. Thus, a designer could double disk memory capacity in the same space or design a smaller system. This trend literally took the 8-in. market by storm. Today, virtually, all new 8-in. drives offered are half-heights or smaller — measuring some 2.3 in. high. The user benefits from higher storage capacity in the same tabletop system. The reduction to half-height size has been accomplished through miniaturization of essential parts, greater use of microprocessors and large-scale integrated circuits and more efficient packaging techniques.

In the late 1970s, 5¼-in. drives, developed by Shugart Associates, Inc., proved to be not only smaller in size, but ultimately capable of higher capacities and speeds than 8-in. drives. This drive was incorporated into many of the personal, home and business computers that fueled the dramatic growth of the computer industry during the past two to three years. Again, a standardized form factor emerged: A drive approximately 3.2 in. high, 5.75 in. wide and 8 in. deep.

The new design, component and packaging techniques that reduced the height of the 8-in. drive proved just as tempting to the 5¼-in. disk drive market. Thus, a half-height minifloppy drive was developed by Alps in 1981, measuring about 1.6 in. high. This precipitated a new wave of half-height drives, which account today for a

growing percentage of the market.

As the market for truly portable computers, intelligent instruments and smaller office and home systems grows, the need for even smaller random-access storage devices becomes apparent. A diskette drive smaller than the newly standardized half-height 5¼-in. drive is coming to the fore. This sub-5¼-in. device uses the familiar oxide-coated mylar diskette and the same components as its larger counterparts. The market is currently sorting out the merits of four different diskette sizes. A 3½-in. version has gained the earliest and widest acceptance. The user will be the ultimate winner. These microfloppy drives pack nearly the same capacity as their larger counterparts, are a fraction of the volume and some versions are compatible with interfacing requirements and software written for the 5¼-in. drives.

Higher Capacities. While the storage in the 8-in. floppy has stabilized at 800K bytes for a single-sided drive, and 1.6M bytes for a double-sided drive, the capacities of 5¼-in. drives and the barely emergent sub-5¼-in. microflopplies are increasing. In commercially available 5¼-in. offerings, capacities range from 125K bytes for a single-sided, single-density disk with 48 track/in. configuration to 2M bytes for a double-sided, double density disk with 96 track/in. configuration. New positioning techniques that space recording heads more accurately are making possible drives with capacities in the 3.3M-byte range. New recording technologies, primarily vertical recording, augur well for a 5¼-in. drive with 10 megabytes of capacity in the near future.

In the sub-5¼-in. microfloppy field, the earliest announced products less than two years ago featured capacities in the 250K- to 400K-byte range. Today microflopplies are available with 1M byte of storage.

The single-sided 8-in. floppy became the first low-cost random interchange standard for data. Shipments peaked in 1982 after a

decade of growth. Standardization is a living, breathing fact. Most 8-in. diskettes can be read on most 8-in. drives. Capacities have stabilized primarily because of the properties of the oxide-coated mylar disk media.

This product is being nudged aside by a double-sided version of itself, which features a capacity of 1.6M bytes with the same access time and transfer rate as the single-sided version.

Half-height drives, both single- and double-sided, are the fastest growing segment of the 8-in. market. The half-heights have dominated new product introductions in this group for the past two years.

In addition, double-sided 5¼-in. drives, also offering capacity and price advantages, are proving an attractive alternative to the single-sided 8-in. floppy drive.

Applications. According to James N. Porter, author of the "1982 Disk/Trend Report," published by Disk/Trend, Inc., approximately one-third of all single-sided 8-in. disk drives are used in small business systems, about one-fourth in word processing applications and nearly one-fifth in mini- and microcomputer applications.

With double-sided 8-in. and 5¼-in. drives capturing more of the market for DP-type applications, three-year projections show a decline in single-sided 8-in. drives for small business systems, but a modest growth in word processing applications. On the other side of the 8-in. coin, the double-sided drive is overwhelmingly used in small business systems applications. For users who place a premium on completely standardized products and complete interchangeability of media, the 8-in. floppy niche is the place to be.

Pricing. As befits a commodity-type product, the 8-in. disk drive market is characterized by comparative price stability. Incorporation of the microprocessor in new drives and manufacturing economies have driven down the price for newer drives. Retail pricing averages \$1,100 for an 800K-byte

dual disk drive with power supply to \$1,300 for a 1.6M-byte, double-sided drive with power supply, power supply.

Fueled by the adoption of the 5¼-in. drive in the IBM Personal Computer and several other major personal computers, this mini-floppy drive equalled the 8-in. drive in sales revenue in 1982 — about \$400 million. This year, according to the Disk/Trend report, 5¼-in. drive sales will surpass 8-in. drive sales, and will continue to grow dramatically for the next three or four years. This growth will eventually be dampened by the incursion of low-cost 5¼-in. Winchester drives on the upper end and microfloppies on the lower end of the capacity spectrum.

Capacity. In contrast to the highly standardized 8-in. diskette segment and its two-capacity structure, the 5¼-in. disk drive field offers users a wealth of capacities and speeds. And more choices are in development. While it makes a choice more difficult, this diversity provides a better possibility of matching a 5¼-in. drive exactly to a user's needs.

The principal variations of 5¼-in. drives are functions of the number of recording surfaces (single- or double-sided), track density (48- or 96 track/in.) and recording density (single, double or quadruple). Typically, single-sided drives are configured with 48 track/in. and either single- or double-density recording. Double-sided drives typically are configured with 48 track/in. or 96 track/in. and double density recording to achieve the higher capacities that are much in demand today. A closer look at the capacity ladder:

- **250K bytes:** As a basic random-access memory unit, this single-sided, 48 track/in., double-density drive is a very popular model. It can also be operated in a single density mode to achieve 125K bytes of storage.

- **500K bytes:** By far the best selling capacity level in a 48 track/in., double-sided recording mode. This capacity is the favorite of per-

sonal computer manufacturers, including IBM.

- **500K bytes:** In the 96 track/in., single-sided recording mode, this capacity level has not received high market acceptance, but is available from many manufacturers.

- **1M byte:** The most desired of the higher capacity, 5¼-in. diskette drives, and growing in popularity. These drives are configured for 96 track/in., double-sided, double density recording.

- **1.6M bytes:** Basically an emulator of the 8-in. floppy drive, this capacity level has a higher transfer rate (500K bit/sec), and is becoming popular in applications where media interchangeability with the 8-in. format is desirable. It is characterized by 96 track/in., double-sided recording.

- **2M bytes:** This capacity level, which requires special oxide-coated mylar media, also needs a system capable of dealing with its higher transfer rate — 500K bit/sec. These drives utilize 96 track/in., double-sided recording and quadruple density formatting. It remains a prime candidate for Winchester backup and other capacity-hungry applications.

- **3.3M bytes:** The acceptance of the 10M-byte, 5¼-in. Winchester as the desired storage level in small computer systems such as IBM's Personal Computer has created a growing demand for low-cost backup memory. A minifloppy with a 3.3M-byte capacity is attractive because only three media changes are required. These capacities are being achieved in 5¼-in. drives by Amlyn Corp. (3.2M bytes) by using a single prerecorded servo track to position heads and 170 track/in. density, which is 70% higher than the standard 100 track/in. Remex has also announced a similar product. Drivotec is offering a 3.3M-byte drive by embedding positioning data throughout a disk's recording track, and 192 track/in. density.

These higher capacity minifloppies are used for software loading and backup applications in these

systems, which generally incorporate a 5¼-in. Winchester disk drive.

Intensive development activity focusing on new recording techniques and materials, such as vertical recording, is expected to soon produce a 10M-byte capacity in the standard 5¼-in. drive package. In vertical recording, magnetic domains are lined upright like soldiers on the recording media, rather than horizontally, as cars on a busy freeway. Densities of up to 10 times higher than conventional oxide media are possible. Vertimag has already achieved more than 6M bytes in a drive using vertical recording.

A dynamic and growing base of software stamps the 5¼-in. drive world as one of stability and comfort for the user. In addition, media is very inexpensive and is universally available.

Unlike the highly standardized 8-in. market, complete interchangeability of media is not a reality in the 5¼-in. sector. A user must be cautioned that some computer manufacturers offer drives in systems in unique proprietary formats. Hence, media is not always interchangeable between different systems using different formats. However, media is always interchangeable between drives using a common format. The correct format must be selected for a specific drive.

In the past two years, users have benefited from a sharp 25% reduction in the price of 5¼-in. diskette drives.

Retail prices range from \$350 for a 250K-byte, single-sided drive, \$389 for a 500K-byte 48-track/in., double-sided drive; to \$450 for a 1M-byte, 96-track/in. drive double-sided drive.

Sub-5¼-In. Floppy Drives

Just as the market is absorbing the benefits and diversity of the 5¼-in. diskette drive, an even smaller memory alternative is emerging.

These smaller disk drives, aptly called microfloppies, employ basically the same technologies as

their larger 5¼-in. and 8-in. counterparts. The notable difference is a smaller disk size. By mid-1983, drives embodying four different disk diameters were vying for acceptance in an extremely dynamic marketplace. At stake are large latent markets for random-access storage in portable computers, very small business systems, small personal and home computers, diminutive WP systems, intelligent instruments and other systems.

An estimated 63,000 units were shipped in 1982, a mere forerunner of the one million nearly anticipated within the next three years, predicts Disk/Trend's Porter.

Microfloppy disk drives are being offered with four different size disks, all less than 5¼-in. in diameter. All but the IBM drives are available with 5¼-in. compatibility in data formatting and interfacing. The leading sub-5¼-in. drive vendors are:

- 3-in. diskette drives: Hitachi, Ltd., backed by a group of Japanese manufacturers, has announced a drive with 250K- and 500K-byte capacities. A rigid-media jacket design does not include a metal centering hub, which is becoming a user-preferred standard. Micro Peripherals, Inc., a U.S. manufacturer, also offers this drive in 250K- and 500K-byte models. At least two companies — Maxell Corp. and TDK Electronics, Inc. — offer 3-in. media.

- 3¼-in. diskette drives: Tabor Corp. offers a drive with 250K- and 500K-byte capacities, and has licensed Seagate Technologies, Inc. to manufacture its own version. A soft jacket, similar to that on 5¼- and 8-in. diskettes, encases the media. An automatic shutter to protect the media when it's removed from the drive, also emerging as a user-preferred feature, is not offered. At least four companies provide 3¼-in. media.

- 3½-in. diskette drives: Pioneered by Sony Corp. in 1981, this size drive, with capacities of 500K- and 1M bytes, is being offered by Tandon, Shugart, and Matsushita Electric Corp. In addition to those

vendors, the Micro Floppy Standards Committee, an ad hoc committee formed by several manufacturers has recommended this media size to American National Standards Institute. The media features an automatic shutter, a rigid media jacket, and a metal media centering hub. At least six companies offer 3½-in. diskettes.

- 100-mm diskette drive: This year, IBM announced a 100-mm diameter disk drive. Its nonstandard capacity (358M bytes), and transfer rate (333K byte/sec) may not set well in a user's environment where compatibility with the massive 5¼-in. drive software is beckoning. IBM also provides the media.

Users should be cautioned, however, that two microfloppy disk drive standards might well become a reality. For instance, the U.S. computer industry may adopt the 3½-in. standard, but the offshore market, in particular the Japanese, may adopt a 3-inch standard. A second caution for users is the availability of media. Microfloppy media are not as readily available yet as the 5¼- and 8-in. diskettes, but they will be available within the next year. Finally, users should be aware that the acceptance of the microfloppy is inevitable, but it may be slow in reaching the marketplace.

While the microfloppy disk drive will be smaller than its minifloppy counterpart, the price at first will not be correspondingly smaller. When manufacturers have benefited from a production learning curve and large-scale volume that brings cost economies, the price of the drive should be the same or less than minifloppies. But the added value of smaller size, a shirt-pocket diskette, and lower weight should make the microfloppy an extremely cost-effective and an appealing memory device of the future. □

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The Micro Winchester World



Firing Up The Mini Winnie Market

The quest for higher reliability and higher storage capacity and performance are the primary factors motivating buyers of small Winchester disk drives.

The new wave of portable microcomputers, desktop workstations and personal computers has triggered new demands for small Winchester disk drives with industry standard interfaces that can withstand extended use in small office environments with high reliability, low maintenance, increased storage capacity and faster access and throughput times.

Users who have chosen a personal computer or a microcomputer as a workstation should evaluate

By Andrew Roman

Winchester disk drive subsystems making sure they have enough capacity to handle everything from word processing and business files to color graphics. In this context the Winchester disk drive must be compact and reliable, with enough memory storage capability and performance to provide fast access to increased amounts of data files needed for such applications as financial spread sheets or business graphics.

New technology developments incorporated into today's compact new winchester disk drives are being offered by several manufactur-

ers to address the demands for applications in desktop units. These developments include implementation of IBM's Whitney technology read/write heads, thin film media and smaller motors that allow higher storage densities to be packaged in more compact chassis. Smaller components, in turn, allow the manufacture of compact half-height 5¼-in. Winchester for applications in portable as well as transportable microcomputer systems.

One of the newest developments in the market are half-height Winchester measuring exactly 1.625 inches in height which were introduced last year by SyQuest

Technology of Fremont, California. At the same time slim-line 5¼-in. floppies, intended as functional companions to fixed media 5¼-in. Winchester, also appeared. These introductions added to the growing trend towards compact packaged drives that permit the same storage capacity and performance but are mounted in half the space required by their full-height counterparts. Slim-line Winchesters, with capacities in the 6M-byte and 12M-byte range, are now being offered by Seagate Technology, Cogito Systems Corp., Shugart Asso-

ed media for these smaller drives. Manufacturers that started this trend include Evotek, Syquest Technology, Inc., Tandon Corp. and Disctron, Inc., as well as such established manufacturers as Memorex and Control Data Corp.

Slim-line drives also require low profile lightly-loaded recording heads like those used on the 14-in. IBM 3380 "Whitney." Small Winchester drive manufacturers who also plan to manufacture their own read/write heads include Syquest, Tandon, Disctron, and CDC.

Look for the industry's first thin film read/write heads aimed at slim-line 5¼-in. Winchesters forthcoming from Magnex Corp. and other independent thin-film head makers such as Cybernex and Dastek.

Thin-film heads especially developed for 5¼-in. and 8-in. Winchesters promise to improve data signals at high-flux densities, used on the new plated disks or the older proven oxide-coated media. Higher flux densities and higher track densities enable greater storage densities per disk surface. This allows total unit drive capacities to be increased without stacking more platters. This, in turn, promises the introduction of half-height 5¼-in. Winchesters with capacities exceeding 100M bytes. More sub-5¼-in. drives can be expected. However, presently these units have storage capacities of 6M bytes. When the media is fixed and non-removable, standardization of diameter is not a major technology issue as it is for removable cartridge drives.

Removable cartridge Winchesters return the "personal touch" to personal computers and provide instant data backup, program/data loading and portability. A renaissance in removable Winchester drives has been declared with 5¼-in. removable cartridge drives from DMA Systems, Western Dynex, Memorex and Athenaem Technology, Inc. The new DMA Model 5/15 features 26M bytes — 19.5M bytes fixed and 6.5M bytes

removable. The new Athenaem 5¼-in. Winchester drive features a total of 25.5M bytes with an equal 12.75M bytes fixed and removable. Seagate recently cancelled any further plans for their ST206 removable platter cartridge 5¼-in. Winchester disk drive storing 6.38M bytes, citing insufficient availability of plated media.

These drives benefit from ANSI standardization of mechanical dimensions for the cartridge first established by Dysan, an independent media manufacturer.

Several new 8-in. Winchesters also featuring removable cartridge drives, were recently unveiled. Newly formed Amcodyne, Inc., of Longmont, Colo., is offering an 8-in. Winchester featuring 25.8M bytes fixed with an equal amount removable. This cartridge drive is compatible with the ANSI 8-in. cartridge standard. It was also adopted earlier by Century Data Systems in their model C2048. The Century Data disk drive features 16M bytes fixed, and 32M bytes removable.

The new Lark II from CDC features 25.8M bytes fixed and the same removable. Vermont Research unveiled their 8-in. model 8520 with 11M bytes fixed and 11M bytes removable. All of these drives offer the industry standard SMD compatible interface.

Bernoulli Technology

Bernoulli technology is adapted by Iomega Corp. of Ogden, Utah in their Alpha 10 to offer a low cost 8-in. cartridge drive with removable 10M bytes. First pioneered, but yet to be announced by IBM, Bernoulli technology achieves stable flying height for the read/write heads flying over low cost flexible media. Iomega also announced a new 5¼-in. model named Beta 5, which features 6.38M bytes. The drive uses a removable 5¼-in. flexible media cartridge with a Seagate Technology ST506 interface. Both Iomega drives offer the fast data transfer rates and quick access times of rigid disk Winchesters but use standard very-high resolution 8-in. or 5¼-in. flexible media. Dy-

One consideration, however, is that standards for the interchangeability of data between cartridge disk drives do not exist. Presently no manufacturer's drive can read data written on a cartridge from another manufacturer's drive.

ciates, Inc., Tandon Corp., Miniscribe Corp., and Microsystems International.

Today's head and media technology is adequate to meet market requirements for faster, smaller low-cost Winchesters, but the growing number of vendors face a key challenge to efficiently manufacture products in high volume and at low unit prices.

Thin film media and new head technologies are the keys to unlocking greater capacity in a smaller, more compact package. The upward progression to higher capacity for compact half-height Winchester disk drives will be reflected in an increasing market demand for plated media and low profile thin-film recording heads.

Most plated media is supplied to independent Winchester drive manufacturers by Ampex Corp. and Polydisc Systems, Inc. A growing trend, however, calls for Winchester disk drive manufacturers to produce and supply their own plat-

san is expected to second-source the 8-in. Iomega media and cartridge.

One consideration, however, is that standards for the interchangeability of data between cartridge disk drives do not exist. Presently no manufacturer's drive can read data written on a cartridge from another manufacturer's drive.

The need for standardization in media is mandatory if removable cartridge disk drives are to be accepted by the industry and developed into a growing market. Eight-in. removable cartridge Winchester experience the same data interchangeability problem.

Mechanical interchangeability, but not data read/write compatibility, can be performed with cartridges between Amcodyne, Inc., Disctron, Inc., Century Data Systems, Inc. and Vermont Research.

High-Capacity Winchesters

Increased competition among more than three dozen existing 5¼-in. Winchester disk drive manufacturers has resulted in the introduction of 125 different disk drive products since the first such products were announced in January 1980. Second-wave entrants joined the fray with something new and unique by shifting to higher capacity, higher performance disk drives. 5¼-in. Winchester drives with capacities ranging from 30M bytes up to and exceeding 140M bytes will open up new applications for 16- and 32-bit microcomputers which feature 256K bytes of random-access memory main memory. These drives may be used to accommodate high-resolution graphics, local-area networks and other multitasking and multiuser markets.

The key, however, to unlocking greater densities on smaller disks is thin-film sputtered media, such as that planned for perpendicular recording. The most effective way to uncover the full potential of this new plated media for both 5¼-in. and 8-in. Winchesters will be through the use of the new non-IBM thin-film heads originated

and independently developed under a proprietary process by Magnex. These lightly loaded thin film heads will increase flying stability and enable higher resolution through precise control of the .0015-in. wide magnetic track as well as higher production yield resulting in lower unit manufacturing costs.

Propelled upwards past the 100M-byte range by the onslaught of so many new 5¼-in. Winchester disk drives, new 8-in. Winchesters are also advancing to the 100 to 300M-byte range. Some of the significant product introductions are exemplified by CDC's model 9715 and Northern Telecom, Inc.'s 222M-byte Mercury series. The significance of CDC's 9-in. 165M byte fixed storage drive was that it violated the 8-in. floppy form factor barrier, with its 230mm (9-in. diameter) media and its overall drive box dimensions; a width of 8.75 in., height of 10.5 in. and a 24-in. diameter. A companion drive, the model 9710 RSD (Removable Storage Drive), stores 92.9M bytes (80M bytes, formatted). It features removable media on a three-platter cartridge for backup. The cartridge also mounts next to the FSD in a standard 19-in. rack mount slot that measures 10½-in. high.

Several Winchester drive manufacturers are preparing to announce disk drives targeted past the 200M byte range. Drives such as Northern Telecom's six platter 222M byte, 8-in. Winchester are being designed by stacking multiple standard 8-in. oxide media on the spindle while still maintaining the 8-in. floppy form factor. Offering the de-facto CDC SMD interface on the disk drive is the key to this market. Fujitsu, Micropolis, Megavault, Priam, Quantum and NEC are currently shipping 8-in. Winchesters in this storage capacity range featuring the industry standard SMD interface.

With so many variables to consider in selecting a small Winchester disk drive, it is truly a time of "buyer beware." Several choices are available in small Winchester

disk drives including half-height disk drive sizes featuring thin film media, new Whitney technology read/write heads, smaller motors, greater memory capacities and higher performance packaged in less space. Furthermore, there are choices to make among 8-in., 5¼-in. and sub-5¼-in. drive sizes.

The selection of the most suitable Winchester disk drive for a desk top micro computer or personal computer should be based on the intended applications for the microsystem and its companion peripheral drive. For example,

The need for standardization in media is mandatory if removable cartridge disk drives are to be accepted by the industry and developed into a growing market.

if system throughput time is a factor, a faster access drive with a servo-controlled voice coil actuator and larger storage capacity should be considered. The same follows if business graphics or financial spreadsheets are to be generated by the computer.

However, for single work station applications such as in a desktop word processing system where physical size and limited cabinet or desk-top space are a factor, a half-height 10M-byte 5¼-in. Winchester disk drive packaged in a compact subsystem chassis and mounted next to a companion half-height 5¼-in. floppy disk drive should be considered.

In every case a small Winchester disk drive subsystem should be purchased only after its compatibility to its host computer has been determined. Less frequent user intervention between the drive and the computer will increase operating reliability and reduce service charges. And after the hardware link has been established, it is the operating system software which assures smooth and efficient oper-

ation and fast throughput.

The market for 5¼-in. Winchester is exploding. By the closing of the 1983 National Computer Conference last May in Anaheim, Calif., the 5¼-in. Winchester industry numbered forty manufacturers who accounted for a selection of 125 different 5¼-in. Winchesters. Over two dozen new 5¼-in. Winchester products alone were announced and shown for the first time at the conference. According to various industry market research sources, slightly over six hundred thousand 5¼-in. Winchester units will be shipped in 1983, valued at over \$565 million. And these shipments are projected to increase to three million units by 1988, valued at \$3 billion. Although cost in dollars per megabyte is decreasing over the long term, the average unit sales price per 5¼-in. Winchester disk drive is going up be-

cause of the continuing trends towards higher performance and storage capacity per drive, up past the 100M-byte range. These numbers include shipments for the two main market segments, the OEM and the captive market and represent a combined annual growth rate exceeding 50%.

In 1982, 90% of 5¼-in. Winchester disk drive sales revenues were accounted for by drives with storage capacities under 10M bytes. By 1988, 33% of projected revenues will be generated by 5¼-in. Winchester products with capacities up to 25M bytes, mostly packaged in the compact 5¼-in. half-height configuration.

No other disk drive market has ever accounted for such an accelerated price erosion. Within only 2 years the average unit sales price of 5¼-in. Winchesters decreased by 33%.

In contrast to the market dynamics of the 5¼-in. Winchester market, the 8-in. Winchester disk drive market took four years to develop and expand to its present state. IBM introduced it in 1978, but in 1979, which was the first year of 8-inch Winchester OEM shipments, less than 5,000 total units shipped, valued at \$9 million. In 1982, OEM 8-in. Winchester shipments accounted for 175,000 units, valued at \$300 million. This is projected to increase to \$1.2 billion by 1988, and includes both non-standard 9-in. and 10.5-in. disk diameter Winchester product categories.□

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Tape Outlook



The Tape Horizon

By Donald C. Collier

Borrowing from Mark Twain's well-worn adage, news of computer tape's death has been greatly exaggerated. From its beginnings in the early 1950s for program and file storage, tape remains the dominant medium for exchange between computers as well as for data archiving. The meteoric rise in storage efficiency of random access disks, beginning in the mid-1960s, was thought to be the death knell of this sequential storage method, but the need for backup

and archival storage has remained strong. Today's computer tape drives come small enough to fit in handheld portable calculators and large enough to resemble a refrigerator.

Tape is the slowest but also the most economical means of storing data.

Tape drives were integral members of the DP stream in the batch-sequential, job-by-job days when the application focus was accounting. However, modern computers

run many different jobs concurrently by using large-capacity random-access disk storage, so tape is no longer used in a main-line processing role.

Backup, utility I/O and initialization uses remain, indicating magnetic tape has a healthy future. There was a close relationship between main memory, disk and tape storage on IBM mainframe systems from 1967 to 1979 and that balance is expected to continue.

Under the nose of high-end

computer systems, the microcomputer explosion has created a similar memory need, though scaled down in terms of capacity per system. Microcomputers have outstripped floppy disk capacity, particularly after high-level user-friendly software was introduced. Microcomputer networks and multiuser systems added to the already insatiable hunger for direct-access data storage and gave rise to the 5¼-inch and 8-inch,

table on page 37 lists IBM products which increased tape recording densities.

Technology advances in computer tape recording essentially ceased in 1973. Research and development (R&D) funding was diverted to disk storage products for the balance of the decade, and as of today, no new advance in recording density has yet been brought to market in a high volume product. The 80-fold improvement in tape recording densities since the initial product's introduction contrasts with the 5000-fold advance in disk recording densities during the same period. At the same time, data transfer rates for tape relative to disk have lagged by a factor of 3.

Suppliers

While IBM has been the industry bellwether for high-end tape developments, many other OEM and plug-compatible manufacturers offer half-inch tape drives. Currently 34 companies produce 209 tape drive models. The three fastest growing segments are in the phase-encoded (PE) streamer, low-cost group-coded recording (GCR) and half-inch cartridge areas. Tension arm drives, short-column PE drives and long-column drives are showing signs of market decline due to the introduction of lower cost designs.

The leading half-inch producers across all classes, in units, are Per-tec Peripherals Corp., Cipher Data Products, Inc., Kennedy Co., Standard Technology Corp. (STC) and Nippon Electric Corp. (NEC). The market for half-inch reel type drives will grow at a compound annual rate of 15% through 1987, led by streamers and low cost GCR drives. Half-inch cartridge tape drives will grow at a much faster rate, over 30% through 1987.

All PE reel type drives have an unfattened capacity of 46M bytes per reel at 1,600 bit/in. and 92M bytes at 3,200 bit/in. One of the oldest classes of these drives is the tension arm drives — tension arm start and stop transfer rates are

typically 72K byte/sec, but higher performance models from Digi-Data Corp. and Innovative Data Technology raise the rates to 120K byte/sec. and Datum, Inc. offers 200K byte/sec via a streaming mode on their Model DMF-1000. Most tension arm drives run at tape speeds up to 45 in./sec, but there are a few exceptions: Digi-Data, Innovative Data and TDX Peripherals offer models with start/stop speeds to 75 in./sec, and Datum, Thorn EMI Datatech, Teac Corp. and Victor Data Systems Co., Ltd. offer streaming mode options boosting tape speed to 100 in./sec. Typical end-user pricing for this product class is \$7,500 and varies with control level.

The fastest growing PE reel product class is streamer drives. They were originally developed to provide economical backup for Winchester disks by reducing mechanical complexity. After IBM's introduction of the first PE streamer, the Model 8809, the first OEM version appeared from Cipher Data Products. Its Microstreamer drives quickly caught on and several other companies have since introduced similar products.

Cipher followed with two innovations, a 3,200 bit/in. PE recording option to boost capacity and a Cachetape drive allowing their streamer to emulate a start/stop drive and thereby simplifying system integration. PE streamer drives normally transfer data at 160K byte/sec in streaming mode and have far slower start/stop modes ranging from 20K to 40K byte/sec. Digi-Data offers two models that extend transfer rates to 200K byte/sec in the streaming mode. The 3.2K bit/in. option is now offered by Cipher, Digi-Data, Ibex, Pertec, and Thorn EMI Datatech, with more offerings expected in the near future. Digital Equipment Corp. will be using Control Data Corp. Keystone PE and GCR streamers in their VAX series systems. Typical end-user pricing for PE streamers is around \$5,000, depending upon the control level.

Short vacuum-column PE drives

Long column drives will continue their steady decline in market share, a victim of short column GCR competitors. IBM's 3420 series is now 12 years old and no longer a technology match for other alternatives.

Winchester disks, which are sealed and require backup. At first floppy disks performed the backup role, but as fixed disk capacities went to 10M bytes and above, cassettes and 3M Co.-type data cartridges became prime candidates for this role.

High-End Tape Subsystems

Since 1953, IBM has led the way in tape development, with other vendors offering plug-compatible versions and OEM derivatives. The first IBM tape drive, Model 726, was a seven-track device operating at 100 bit/in. and 75 in./sec. This unit transferred data at 7.5K byte/sec and furnished a recording density of 1400 bits per square inch. Over the next two decades, IBM made six more advances in recording density, achieving an 80-fold improvement to 112,500 bits per square inch when the 3420 models 4, 6 and 8 were shipped in 1973. These units brought 6,250 bit/in. recording to the market and boosted data transfer rates to 1,250K byte/sec. Traditionally, densities have doubled every 3½ years. The

are slowing in shipment volume as more competitive alternatives appear. The leaders in this class, Cipher, Pertec, Kennedy and STC, project a slow market decline, although certain performance-sensitive PE users will opt for the relatively competitive transfer rates of between 240K and 320K byte/sec. The user pays for this edge, however, with a typical unit priced at about \$11,000.

A new product class is evolving: low-cost GCR drives. They are intended for attachment to minicomputers and superminis whose users are cost-sensitive yet need the performance advantages of GCR. Products in this class can be either start/stop or streaming and offer transfer rates as high as 625K byte/sec, storing 180M bytes, unformatted, per reel. The three present participants are STC with their Avalanche, CDC with the Keystone streamer, and Fujitsu with the Model M2440. STC's drive is a start/stop device operating at 50 in./sec and transferring data at 331K byte/sec. CDC's Keystone transfers data in streaming mode at 469K byte/sec., and in start/stop mode at 156K byte/sec. More entrants are expected in this class, including Cipher and Kennedy. Typical end user pricing is in the \$12,000 neighborhood for a formatted drive.

Traditional short-column GCR drives continue to show growth and find uses in high-performance minicomputer and mainframe applications where general-purpose start/stop functionality is required. Transfer rates are as high as 781K byte/sec at 120 in./sec tape speed, with Memorex/Fujitsu offering a drive with a streaming mode of 200 in./sec which gives a 1,250K byte/sec data transfer.

STC holds a commanding market share in this class, following by Telex Computer Products, Inc. and Pertec. STC offers a Model 4800 tape acceleration option for their Model 4500 drives to increase CPU channel efficiency under selector mode operation. Telex has been successful in selling their high-

performance GCR drives to the seismic-exploration industry for data recording. Kennedy recently introduced their low cost 9400 model with 75 in./sec start/stop operation. IBM warmed over their old 3410 short-column PE drive by offering a GCR version, the Model 3430, announced earlier this year. Typical end user pricing for traditional short-column GCR drives is about \$30,000 formatted.

Long-column drives will continue their steady decline in market share, a victim of short-column GCR competitors. IBM's 3420 series is now 12 years old and no longer a technology match for other alternatives. STC remains the largest independent manufacturer of long-column drives with a large installed base from IBM-compatible sales. Typical end user pricing runs about \$35,000 for this class.

Considerable action is expected in half-inch cartridge products, with two distinct subsegments developing — drives with a transfer rate below 150K byte/sec and those at 150K byte/sec or above. Three companies fit in the lower performance segment: Tandon Corp., Rosscomp Corp., and Tokyo Electric Company.

Tandon's recently announced TM-951 uses a 5¼-inch floppy disk, has a storage capacity of 50M bytes and transfers data at 32K byte/sec. Rosscomp's drive stores 160M bytes, transferring data at up to 130K byte/sec. Their drive is primarily designed for 8-inch disk backup, while Tandon's is for 5¼-inch backup. Tokyo Electric Company offers a unique endless loop

cartridge drive storing up to 200M bytes and is intended for disk backup and mass storage for microcomputers. Corvus Systems, Inc. is offering the unit in a subsystem called The Bank. These three cartridge models are designed for low-cost operation at medium performance applications. Typical pricing will be in the \$1,500 range.

High-end cartridge products are not expected to develop until IBM drops its long-awaited other shoe and announces a new series to succeed the aging 3420 line. Only one company, Megatape Corp. makes a high-end cartridge drive, offering 330M bytes and transferring data at up to 240K byte/sec. Many new members of this club are expected to join as soon as IBM gives the market its much needed shape by establishing media and recording standards. IBM's problem of backing up 3380 disks remains and, when a double density version appears, the problem will be further exacerbated. Expect CDC, DEC, Fujitsu, NEC and STC to join in with plug-compatible or OEM versions.

Low-End Tape Systems

Tape drives for microcomputer and low end minicomputer systems are generally ¼-inch cartridge or cassette types. Computer-grade cassette drives currently range in capacity from 3M to 20M bytes and ¼-inch cartridge ranges from 10M to 70M bytes.

Forty companies produce 179 models of cassette and cartridge tape drives. The two fastest growing segments are standard cas-

IBM TAPE DRIVE HISTORY

Family	FCS	Bit/Sq In.	¢/K Bytes/Sec
726	1953	1,400	113.33
727	1954	2,800	36.33
729 II	1959	7,800	16.61
729 VI	1962	11,200	10.41
2401	1966	29,000	4.82
2420	1968	29,000	3.44
3420 Odd	1971	20,000	2.26
3420 Even	1973	110,000	0.70

Source: Freeman Reports

Future of Tape

What does the future hold for the tape drive market? In a nutshell expect the following developments in the ½-in. tape arena:

- IBM will likely introduce its new series, code-named Del Oro, and establish the accompanying cartridge media as the next ½-in. media standard. This new media will then form the basis for new OEM tape drives ranging from floppy-size units to mainframe configurations. But do not expect reel drives to disappear. New tape standards, especially 18-track versions, will penetrate the market slowly due to large libraries of older tape.
- Conventional reel tape drives will continue to be down-sized and reduced in cost. Low-cost group-coded recording units will compete against more expensive traditional drives as well as against phase-encoded streamer drives.
- Chromium-dioxide media will be used extensively to bring recording densities above 15,000 bit/in.
- Optical-disk technology will have an impact upon

tape, particularly for archival applications, but the effect will not be felt until mid-decade.

- New architectures, merging tape and disk drives into storage subsystems, will evolve. Tape drives will become more intelligent, will be able to perform housekeeping functions on their own and streamer-emulating of start/stop drives will become popular via buffered controllers. High-end tape subsystems will transfer data at rates closer to disk units and controllers will free CPU channels for more efficient operation.

Looking ahead in the low-end tape drive market, expect:

- Common interface and data formats will emerge, increasing worldwide interchange capabilities of ¼-in. cartridges.
- New down-sized ¼-in. cartridge drives will compete successfully for the 5¼-in. disk backup role.
- Cassette tape may awake from its somewhat sleepy market niche and become a contender for 5¼-in. Winchester disk backup.

ettes with a transfer rate of more than 3K bytes/sec and ¼-inch streaming drives.

The leading cassette makers, in order of market share, are Teac, Memtec Corp., Philips Industries, Memodyne Corp., Raymond Engineering, Inc. and Braemar Computer Devices, Inc. Quarter-inch cartridge drives are led by Data Electronics, Inc., 3M, Archive, Kennedy and Qantex. Hewlett-Packard Co. and DEC dominate production of mini-cartridge drives.

The market for cassette tape drives will grow at a compound annual rate of 18% through 1987, the flagships being high-performance drives used for Winchester disk backup. Cartridge drives will see a growth rate of 29% through 1987, led by quarter-inch streamers.

Most data cassettes produced today hold less than 1M byte per media unit and transfer data below 3K bytes/sec. These are generally used for data logging and instrument recording. Four companies are active in higher performance cassettes: Braemar, Memtec, Raymond and Teac.

Minicartridge drives are used

mostly for data logging and auxiliary storage, losing ground for the high-opportunity disk backup role to their ¼-inch "big brothers."

Quarter-inch start/stop devices continue to be used where incremental (file-by-file) access is a necessity; systems software permitting, streaming tapes are used in this instance. Overall package size is shrinking, with most manufacturers now offering the 5¼-inch form in full or half-height drives.

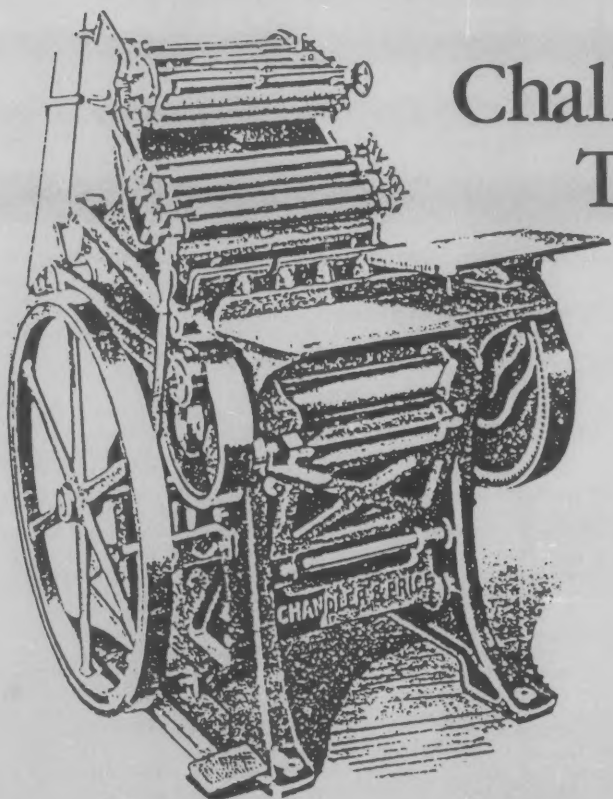
Notable ¼-inch cartridge products include Archive's Scorpion and Sidewinder series in 5¼-inch or 8-inch sizes with capacities of 20M bytes or 45M bytes and transfer rates at 30K or 90K byte/sec. DEI offers a full line of 5¼-inch and 8-inch drives holding 10M to 50M bytes in the start/stop or streaming mode. Their very popular Funnel start/stop drive was the first cartridge device to win wide acceptance for disk backup. Wangtek offers a half-height 5¼-inch drive in 20M- or 45M-byte capacity. At the top of the capacity spectrum 3M's HCD75 stores 67M bytes. An interesting departure was made by Cipher with their Floppy Tape Series 525-CT. Storing 32M bytes,

this low-cost device connects to the host system via a standard floppy disk interface. Cipher also offers conventional streaming drives. Tandberg Data Corp. also provides both streaming and start/stop models.

Most data cartridge drives are sold with intelligent controller/formatters that have on-board error correction and housekeeping logic. The industry recently turned an important corner by adopting the so-called QIC data format and interface standards. These permit formatted data interchange between drives and a common interface to ease integration.

High performance cassette or ¼-inch cartridge drives will cost from \$1,000 to \$3,000 to the end user, depending on the degree of control sophistication. Market pressures will force prices down, particularly as 5¼-inch versions are produced in volume, providing economies of scale. □

Collier is associated with Freeman Associates of Santa Barbara, Calif., a firm specializing in market research and consultation for the tape drive industry.



Challenging The Old Guard

By Jonathan W. Dower

The historical mandate of the computer printing industry may best be described as the effort to make printers quieter, faster, cheaper and more reliable. To this end, the industry has spawned eleven distinct print technologies, all of which were — or still are — expected to revolutionize the computer printer industry and to make sweeping changes in the way printers are used. Nonetheless, only three of those technologies — full-character line printers, full-character serial printers and impact matrix serial printers — now account for more than 80% of the total printer revenues and nearly 93% of all printer shipments.

This is not to say that the other eight print technol-

ogies, which are mostly nonimpact, have been unsuccessful in achieving their goals of speed, low noise and reliability. It says, rather, that they have been forced to compete against the three successful and firmly entrenched technologies and against equally entrenched market biases.

Needless to say, none of these technologies are perfect: daisywheels are noisy and have probably reached their most practical speed limitation at 55 char./sec, dot-matrix printers are also noisy and have been plagued by borderline print quality and line printers lack flexibility as well as high print quality.

Despite these shortcomings, emerging technol-



ogies must prove that they offer substantial benefits over existing technologies at a comparable cost and without any innate drawbacks of their own. So far, nonimpact page printers, thermal printers, ink-jet printers and high-density impact-matrix printers have been unable to do this, but this is sure to change.

As new applications emerge for computers, so do new applications for printers, resulting in ever-growing demands for printer capabilities. Applications that seem to be de rigueur today include color, graphics, bar codes, font flexibility, graphics/text integration and increased speed to handle shared printing tasks and increasing processing speeds. These new applications tend to make the traditional printing technologies more and more limited in their abilities to serve these new markets.

Daisywheel and line printers are poorly suited for these tasks. Serial impact-matrix printers, on the other hand, will remain somewhat resistant to the growth of new nonimpact printing technologies even though their color capability is less satisfactory than ink-jet or thermal-transfer technologies and may prove to be too noisy for future office environments. Impact-matrix printers, however, have the flexibility and speed to serve virtually any application.

The table on page 43 divides the specific printer technologies into generic classifications. "Serial Nonimpact Printers" includes ink-jet as well as thermal, thermal transfer, and electrographic printing. "Nonimpact Page Printers" includes electrophotographic devices as well as ionographic, magnetic, and thermal printers. Primary and secondary applications of each technology are shown as well as emerging applications and an estimated current annual growth rate for each technology.

In looking at the table, the heading marked "Primary Applications" may be considered the traditional marketplace for printers:

data and word processing output. And taken as a whole, "Emerging Applications" represents the applications directions of printers. The dominant growth will occur in printers whose technologies perform traditional as well as emerging tasks more quietly, quickly, reliably and at a lower cost.

As the table indicates, full-character serial and line impact printers satisfy none of the emerging technologies which seem to be driving the development of printers today. Furthermore, it can be seen that several nonimpact and serial-matrix impact printing technologies are now entering the traditional applications areas of daisy-wheels and line printers.

What all this would lead industry observers to conclude is that the future of computer printers belongs to dot-matrix and nonimpact printers. Dot-matrix printers because of the speed, cost and versatility of raster output devices; non-impact printers because of their speed, low noise, versatility and output quality. Other than this generalized presumption, the jury is still out as to when nonimpact technologies will assume a majority market share and to what extent nonimpact printers and high-density impact-matrix printers will impact the daisywheel market.

The annual growth rates in Table 1 look impressive and would seem to foretell significant growth in market share for nonimpact serial and page printers. But when these figures are compared with the estimated market shares for the six general printing technology categories through 1984, nonimpact serial printers actually show a decline in market share. Serial impact-matrix technology is the only technology which will gain ground in terms of market share, on the shoulders of a 35% annual growth rate.

Foretelling the demise of daisy-wheels, an industry that is currently enjoying a 25% to 30% growth rate, requires a certain amount of prognosticative chutzpah. But, the estimated market-share percent-

ages are only for a four-year span and, despite the rapid explosion in the electronics market projected over the next two or three years, market shares change slowly. And it is particularly hard to increase that share in a market as competitive as this one.

Growth of market share for new printing technologies has been further hampered by lack of widely available software and application packages for these new products. Traditionally, appropriate interfacing and software development has not been the domain of the printer manufacturer.

This interfacing and development has instead been left to the systems manufacturer to provide the development effort that would permit the integration of new products into their systems. These developments have been extremely slow in materializing since, historically, the software industry has lagged painfully behind its hardware counterparts. This has been a particularly difficult hurdle for any of the high-resolution matrix technologies such as near letter-quality, ink-jet or laser printing. In order for any of these printers to be broadly successful in WP applications it would have to accept daisy-wheel protocol as well as be able to accommodate a software package that provided for command codes which allow the printer to do those things for which high-resolution raster printing is intended — graphics, font changes and special character sets.

The net result of all this struggling has been that, by the end of 1982, new technology printers have managed to wriggle only into limited, specialized market and application niches, from which they are jealously eyeing the mainstream application areas. Ink-jet printers — with the single exception of the IBM 6640 — have established themselves in the color graphics area with such units as the Siemens Corp.-based Printacolor Corp. and Advanced Color Technology, Inc. printers. Conventional thermal printing, long-derided



for its paper and low print quality, has been very successful in low-cost printer application area (40 columns or less) and for use with such portable terminals as the Texas Instruments, Inc. Silent 700 series. Electrographic printing on dielectric paper is employed in only one page printer, the Honeywell, Inc. Page Printing System (PPS) and is otherwise solely relegated to plotting functions. And low-end nonimpact page printers, the vaunted intelligent copier/printers, have found work primarily as high-cost output devices for specialized engineering, computer-aided design systems and electronic page makeup. The first thermal transfer units are not expected to be available until mid-1983. Magnetography has yet to be represented by a serious product beyond the prototype stage.

The Turning Point?

However, 1983 has promised to be a significant year for the printer industry in terms of the long-awaited arrival of nonimpact printers and high-resolution, serial impact-matrix printers in addition to interesting developments in the daisy-wheel market. The list of systems companies offering OEM laser printers now includes such companies as Digital Equipment Corp., Wang Laboratories, Inc., Data General Corp., NBI, Inc., CPT Corp. and Royal Business Machines, Inc. Important new ink-jet products have been introduced by Exxon Corp., Diablo, Inc. and Canon Corp. And 1983 will probably be the year in which high-resolution impact matrix printing begins what is sure to be its climb to market significance.

The following is a look at some of the product trends and developments taking place in each of the major technology areas.

Full-Character Impact Line Printers: DP Stalwarts. This market has been relatively sluggish for the past few years due largely to the effects of the economy upon high-priced capital goods purchases by users, but also due to the

maturity of a market which cannot support the phenomenal growth rates enjoyed by other sectors. Nonetheless, impact line printers remain the workhorses of the DP stables. Following the trend of most electronic products, line printers have decreased in price while increasing in output speed and reliability. Dataproducts Corp. and Data Printer, Inc. both introduced 2000 line/min models in 1983. IBM also brought out a 2000 line/min model that is actually priced below the IBM 3211 chain printer which prints at the same speed.

In May, Centronics showed what some believe to be the only new technology advancement in impact line printers for some time: linear-motion print hammers in their new Linewriter 400 printer. Like other new line printers, the Linewriter makes use of more customized large-scale integrated chips for control functions in order to reduce size and cost. Nevertheless, many observers feel that the Linewriter is not a truly evolutionary product and, as a result, will find it hard to wrest any sizeable contracts from the 300- to 600 line/min band printers that currently control that market area.

Dot-Matrix Line Printers: Bar Codes, Labels, and Graphics. This interesting print technology had originally been seen as an alternative to full-character line printers for data processing applications. But the growth of industrial graphics, bar codes and labels has proven to be a bigger market for such manufacturers as Mannesmann Tally, Printronix, Inc., Hewlett-Packard Co. and IBM. Like other printers, much of the development in dot matrix line printing has been to provide greater amounts of "on-board" intelligence rather than put it in special controllers or under host control. On-board processors now handle character generation and bit-mapping functions, as well as adapt to various software graphics programs such as Versatec, Inc.'s Versaplot or Harris Corp.'s Plot 10.

Like serial printer manufacturers, dot matrix line printer suppliers have been looking toward near letter-quality functions. Printronix was the first on this band wagon in 1981 with their MVP printer. But a large dot size has been an impediment to any serious consideration in this area. In 1983, Printronix introduced its 4160 line printer which prints 130 lines per minute with a smaller dot size and higher density. Also new in 1983 was a pair of printers from General Electric Co., their first venture into this technology. The GE 4030 and GE 4060 operate at 300- and 600 line/min respectively. Both offer double-dot density for near letter-quality printing.

Mannesmann Tally, a longtime contender in the dot matrix line printer market, introduced a new series of printers in 1982, the first of which, the MT660, is expected to appear on the market in 1983. Although Mannesmann Tally has plans to include a 900 line/min model in this series, that product may be some time off since, to date, dot matrix line printing seems to be technology bound at 600 line/min.

Serial Matrix-Impact Printing. Cost-cutting and feature-adding developments in serial dot-matrix printing may well be taken as a reflection of the state of the entire printing industry. Prices have plummeted — as low as \$249; sales have exploded — over one million units sold in the U.S. in 1982. In addition to this, Japanese suppliers have emerged as one of the most significant market forces. With only a few exceptions, U.S. manufacturers have fled from the more volatile low-cost market, ensconcing themselves, instead, in the medium- to high-performance sectors (160 char./sec and up) and in the near letter-quality markets.

The Japanese have dogged their path into these markets as well and the past year has seen the introduction of such higher priced, high performance models as Okidata Corp.'s Pacemark series (draft quality — 350 char./sec; near let-



ter-quality — 75 char./sec), Fujitsu Microelectronics, Ltd.'s DPL 24 (draft quality — 160 char./sec; near letter-quality — 80 char./sec), Panasonic KX-P1090 (draft quality — 196 char./sec), and the C. Itoh CIC8600 (draft quality — 180 char./sec; near letter-quality — 90 char./sec). So far, none of the Japanese manufacturers have been very successful in the medium- to high-performance marketplace. Many systems manufacturers find it easier and more cost-effective purchasing printers, with the level of customization they need, from U.S. suppliers rather than dealing with an off-shore company. But this, too, is changing.

Although Leading Edge Products, Inc. was the hit of the 1983 National Computer Conference with its Banana Printer (the Seiksha unihammer printer priced at \$249), price alone is not enough to make a printer competitive any more. After the first flurry of price slashing, suppliers are now dedicating themselves to the task of making their low-cost units more than just bare bones models. New models in this price range (generally from \$339 to \$650) include such standard offerings as graphics capability, three-way paper feed, enhanced character formats, greater printhead life expectancy and speeds from 100 char./sec to 150 char./sec as the norm.

The other side of impact serial matrix printing is high-resolution printing for office and multifunction applications. This has become such a heavily promoted and discussed concept that virtually every printer manufacturer offers at least one near letter-quality model in their lineup despite the fact that fewer than 10,000 units were sold in the U.S. in 1982. This printing technology provides another example of the lag time between product/technology introduction and market impact. In this case, near letter-quality printing dates to the introduction of the Sanders Technology, Inc.'s Media 12/7 in early 1978. But until the closing

months of 1982 not one single OEM of any significance — other than a low-key effort by IBM — was offering a high-density impact matrix printer with a system. In 1983 high-density matrix printers began to snake their way out to end users. These printers are now being offered by office and computer equipment manufacturers as diverse as CPT (Toshiba America, Inc. TH2100H), Sperry Corp. (Mannesmann Tally MT180), Basic Four Corp. (GE 3000 series), Tandy Corp. (Toshiba TH2100H) and Wang and DEC, both of whom manufacture their own dual-mode printers.

Printer and systems manufacturers have been able to respond to suspected public resistance to these printers by supplying successful and convenient interfacing, daisywheel plug-compatibility and more carefully designed fonts to dramatically improve output quality. Presently, the bulk of these machines seem to be finding applications within specialized environments — scientific, engineering and mathematics, for example — which can take advantage of the flexibility of WP-type draft printing. But in the not-too-distant future, the speed, flexibility, output quality and prices of these devices will force users to consider them as desirable replacements for their daisywheel print devices.

Nonimpact Page Printers. Nineteen eighty-three may be the year for this technology; it has brought the printer industry some of its most sophisticated and exciting imaging techniques. It is also one of the most diverse and includes electrophotography (using lasers, LEDs, LCDs, CRTs and fiber optics), electrography, ionography, and magnetography.

Nonimpact page printing is also another textbook case of the market dragging well behind the technology. Page printers have been a part of data processing since the Xerox Corp. 1200 first appeared in 1973. In 1979, the introduction of the IBM 6670 had consultants and

industry analysts gushing over the coming era of intelligent copiers/printers and their role in the office of tomorrow. Data communications, electronic mail and facsimile, graphics/text integration, distributed processing and word processing, coupled with the growing access to information processing by office workers, are all tasks for which these printers are ideally suited.

As of early 1983, both sectors of this technology — high-speed page printers for DP (50 page/min and greater) and low- to medium-speed page printers (over 6 page/min) — have seen some growth, but nothing close to what had been envisioned.

The high-speed end is represented in this country by only five companies — IBM, Honeywell, Xerox, Delphax Systems, Inc., and Siemens — and of those companies only IBM, Xerox, Siemens, and Honeywell have any sizeable installed base. New products in this market include a 80 page/min laser printer from Siemens; the 68 page/min MP60 magnetic printer from CII Honeywell Bull, a French firm; and the Xerox 8700 at 70 page/min. Growth in this area has been restricted by the high purchase or lease prices which have limited their appeal to large DP centers that can cost-justify such capital investments. As it turns out, the number of such centers is limited, and consequently many observers feel that these machines are approaching a market saturation point.

Nonimpact page printing in the low- to medium-speed ranges may emerge from fledgling status this year to walk actually on its own in 1983. But it will only do so with the support that office automation equipment and systems manufacturers are now beginning to offer. The early front-runner in this market has been the Xerox 2700, a 12 page/min laser printer which is now offered by Wang, DEC, DG and others. Despite its excellent print quality, the 2700 may well be only a first-generation device due



Computer Printer Applications by Technology

Type	IMPACT				NON-IMPACT		
	Serial, Dot Matrix	Serial, Full Char- acter	Line, Full Char- acter	Line, Dot Matrix	Serial, Dot Matrix	Page, High Speed	Page Low-to-Med. Speed
Primary Applications	DP, PC SBC Output	WP	DP	DP	Low-Cost DP Output	DP	WP, DP
Secondary Applications	Graphics	PC, SBC Output	—	Bar Codes, Graphics	Portable Terminals	—	—
Emerging Applications	WP	—	—	Graphics, WP	WP, Color Graphics	In-House Publishing	WP, Typography Elec. Mail
AGR*	35%	25-30%	5-8%	20%	20%	3-5%	40%

SOURCE: DATEK INFORMATION SERVICES, INC.

*Current Annual Growth Rate

to its cost: \$27,000 to \$30,000 in OEM configurations. Over the past two years literally dozens of electrophotographic page printers have been introduced, primarily by Japanese copier manufacturers, with potentially more attractive cost/performance ratios. Among the most promising to date are the Ricoh of America, Inc. LP212, a 12 page/min laser printer that is to be offered by CPT; and the Minolta SP50 which prints at 20 page/min with exceptional print quality and is priced around \$19,000 to the end-user.

Non-impact Serial Printing: Moving Towards the Office. This printer category includes four distinct technologies: ink-jet, conventional thermal, thermal transfer and electrographic (or electrosensitive). At present, none of these have managed to transcend its application niche and move into mainstream use. A possible exception to this may be ink-jet which gave an encouraging performance in the IBM OS6 and 5520 systems. Approximately 15,000 of those machines were sold, but IBM is now discontinuing them and so far has offered no replacement. Otherwise, ink-jet has seen only moderate success in the color graphics field, but the proliferation of color graphics systems as well as new products from Diablo and Canon will undoubtedly help spur that market. At the same time, black-only ink-jet printing may get a

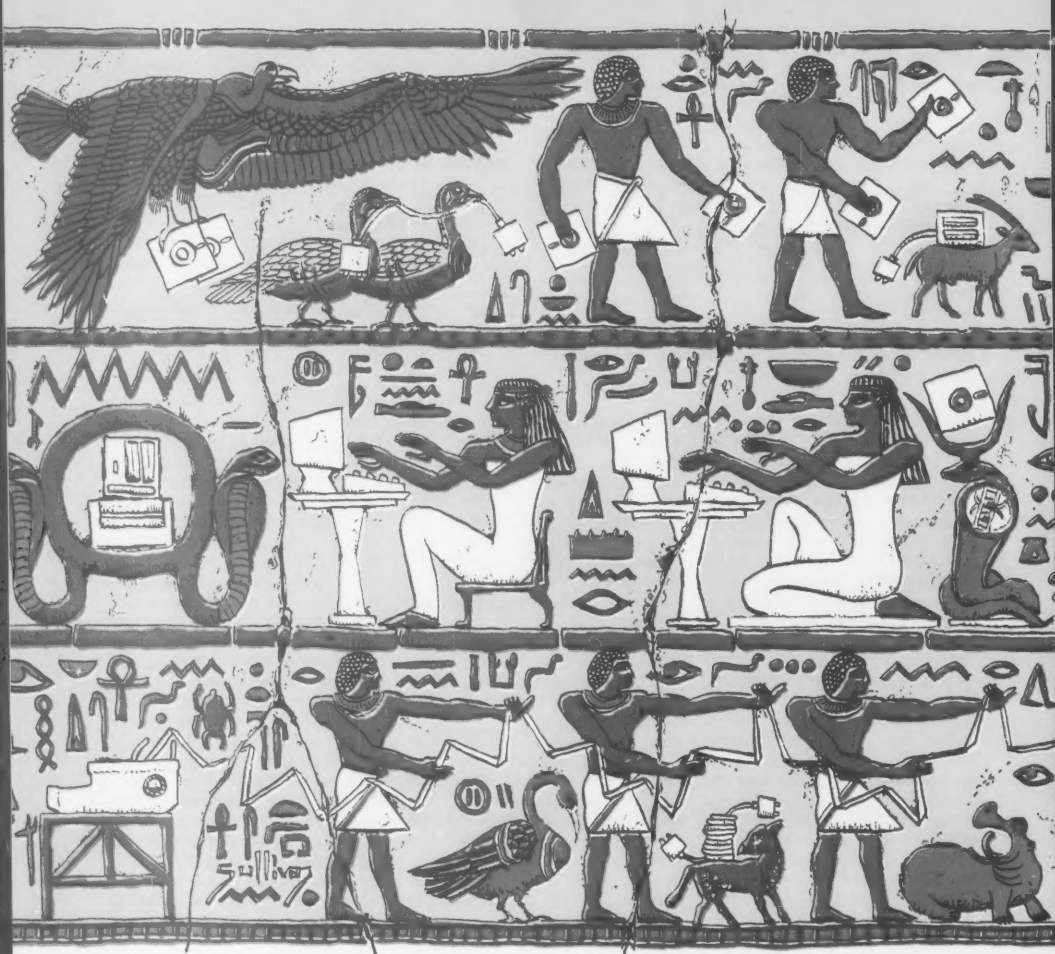
boost from the introduction of the Exxon 965 printer, which appeared in early 1983. The Exxon development made great efforts to address one of the technology's trickiest issues and probably one of the most widely held public perceptions of ink-jet technology's drawback — poor reliability due to ink problems such as clogging and drying.

Thermal printing has been, for some time, relegated to specialty areas — portable terminals, for example — largely on the basis of its objectionable paper and its low-level print quality. This is not to say that the technology has not been a successful one: TI has sold over 200,000 Silent 700s since their introduction. But two events have happened in the last two years that are destined to change thermal printing greatly. First, the birth of the extremely low-cost computer, such as the Timex Computer Corp. Sinclair, has created a tremendous demand for equally low-priced printers. Thermal printing fits the bill beautifully. Alphacom, Inc., manufacturers of 40 and 80 column thermal printers, announced in mid-1983 that it had signed a deal with Timex for \$54 million worth of 40 column printers.

The second development was the sprouting of thermal transfer printing as an important technology. Before 1982, few people outside of the electronic-imaging con-

ference circuit had even heard of thermal transfer printing. But following the low-key introduction of a few high-priced color units in late 1982, suddenly Diablo was showing a six page/min thermal-transfer page printer priced at \$5,000 and aimed squarely at the office environment. Since then, units have been fielded by Toshiba, Sanyo Business Systems Corp. and Fujitsu. Thermal devices are also being marketed by Gavilan Computer Corp. as part of its Mobile Computer Division and by Brother Industries, Inc. in a portable typewriter. The attributes of thermal transfer printing — quiet, reliable, inexpensive, high resolution and, most importantly, plain-paper printing — have evoked the rumbling of widespread approval of the technology as print technology of tomorrow. And it shows promise, too, since it actually seems to be the embodiment of the printer industry's historic direction — quieter, faster and cheaper. But then, the jury is still out. □

Dower is Research Director for Datek Information Services, Inc., of Newtonville, Mass., a publishing, research and consulting company, specializing in reports and studies for the computer printer industry. He is also Managing Editor of Printout Annual — Datek's annual printer industry magazine.

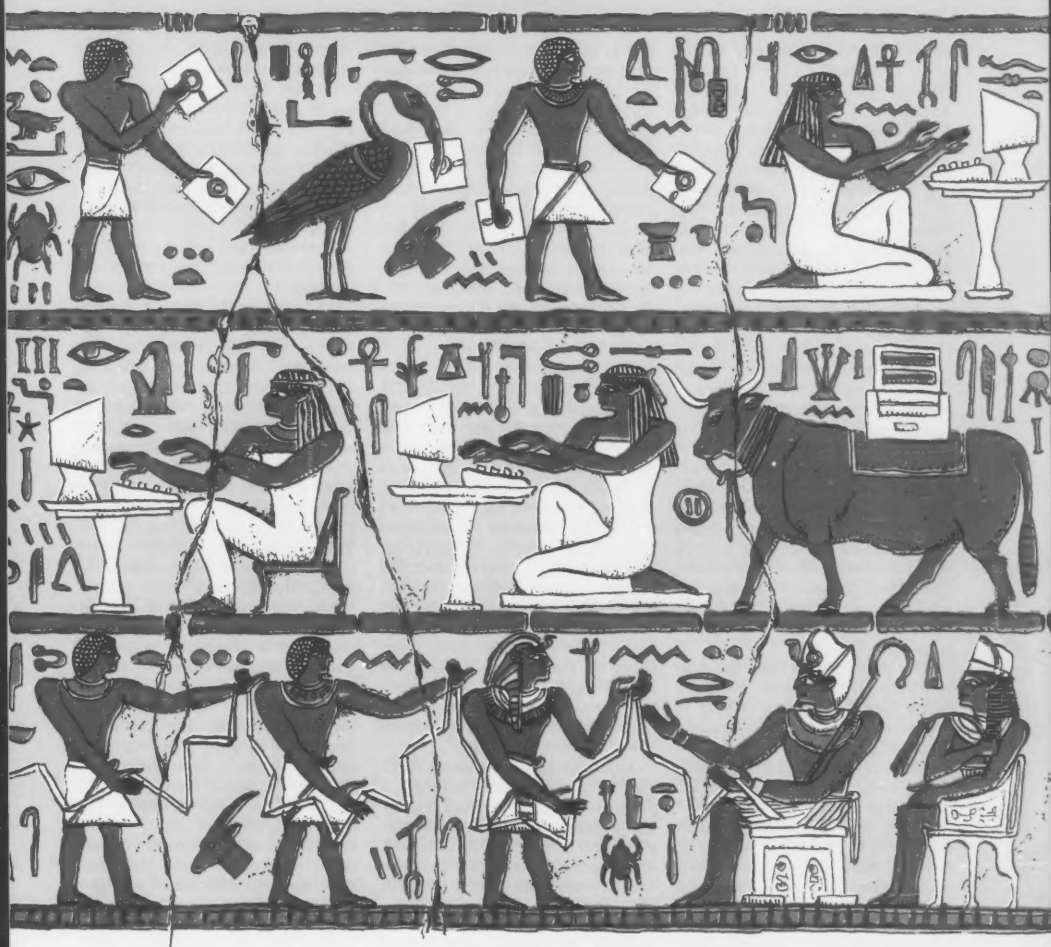


Etch Marks The Spot

By Tim Scannell

New recording technologies will change the way in which information is stored. Vertical recording devices and optical disks will soon make inroads into

DP shops. Major computer vendors are investing research dollars to aid in developing these new recording techniques



In the past few decades, computers have evolved from the multiroom-size behemoths that took months to program to the small palm-size machines that can perform elaborate calculations at speeds rivaling the human thought process. Unfortunately, like a younger sibling who is forever following in the footsteps of an older and more visible brother, peripherals — the devices that are to computers what the tires and body are to an automobile — have been relatively slow to evolve from their beginnings.

Magnetic disk and tape drives, which are the mainstays of the data processing industry, have been improved to operate at faster recording and playback speeds and boast substantial capacities, but they are still firmly rooted in a technology that was borrowed from the audio recording industry. While they sport a fancier package, they also consist of the same basic mechanisms common to a standard tape recorder — the drive, read/write heads and the capstan.

Things, however, are about to change. Nearly every



major computer company in the U.S. — including such industry heavyweights as IBM, Hewlett-Packard Co. and Digital Equipment Corp. — has devoted a substantial portion of their research and development dollars into finding new and more cost-effective means to store the data that is processed by the CPU. These include such things as microfloppy diskettes, vertical recording, bubble memories, high-capacity random-access memory chips, miniature Winchester-type hard disks, and digital laser-based optical disks.

Some of the technology under development — such as vertical recording, which is actually an effort to teach an old magnetic dog new recording tricks — is aimed at stretching more mileage from traditional magnetic recording techniques. It does this by shifting the placement of the magnetic signals on a standard disk or tape to pack up to ten times more information. Other technologies — such as the use of optical or video disks — utilize new methods to keep data in its place.

The dynamics behind the current market for magnetic media are being fueled by vendors trying to commercialize new recording technologies. According to figures released by Venture Development Corp., sales of magnetic media are growing at a healthy annual rate of 30% and should reach more than \$5 billion by 1987. However, the bulk of these numbers are based on the sales and use of standard magnetic tape, 5¼-in. floppy disks and hard Winchester-type disks. What the figures do not take into consideration is the possibility that new technologies will not only add fuel to the sales and usage fire, but could obsolete what is considered today to be the recording norm.

For instance, as new technologies, offering more capacity for less cost, barge into the recording market, the price of previous technologies plummets. At present, the current cost to store 1M byte of information on a standard floppy

disk is about five dollars. However, such devices as the optical disk offer the same storage capability for about one dollar, making it a more attractive alternative to users with high storage needs.

Vendors can also pack more data onto a disk or tape without changing the physical size of the media. However, to do this they must adopt an entirely different method of magnetically stacking the information on the mylar surface to increase the density of the tracks. This is the theory behind vertical recording.

First proposed in 1975 by a professor of magnetics at Japan's Tohoku University, vertical recording involves arranging the magnetic particles of a recording vertically rather than horizontally on a disk's or tape's recording surface. With standard magnetic recording technology, the particles are arranged end-to-end to form a pattern recognizable to the recorder and replay mechanism. But, vertical recording turns these particles 90 degrees, standing them on their magnetic poles. The result is more room on the media's surface for more magnetic particles, theoretically allowing up to 20 times more space and a boost in capacity from 10K to 200K bits per inch.

Although the U.S.-based Vertimeg is the closest to offering a product based on vertical recording technology (it will reportedly soon offer a vertical recording disk drive that will cost \$500 in quantity orders, with disks priced at about \$25) and another American firm, Potter Instrument Company, Inc. is said to lead in the production of ferrite-type recording head technology which necessary to accommodate the different recording style, the Japanese seem to be ahead in the technology's research. Most of this research — which has been ongoing for about seven years is conducted at Japanese universities, funded by business and the government's Ministry of International Trade and Industry. By contrast, only one U.S. university, the University of Min-

nesota, is conducting any serious research into vertical recording. IBM has been investigating the technology for about five years, but is the only U.S. computer firm that has the budget to devote substantial time and money into the project. However, other firms — Sperry Corp., Hewlett-Packard and Ibis Systems, Inc., in particular — have devoted some portion of their R&D budget to vertical recording.

One important detail that vertical recording technology has going for it is that, although it is an innovative technology, it is not an entirely revolutionary change from the user standpoint. While users of vertical recording will need new disk and tape units to accommodate the new media, the disks and tapes are not physically different from standard recording materials. Therefore, there will not be the initial hesitation users have to accept a new technology that looks physically different than something they have grown familiar with.

Also, just as vertical recording got its start in laboratories in Japan, most of the innovative products will come from that country. Although U.S. firms like Vertimeg, Sperry and IBM are adopting vertical techniques in their disk products, the Japanese have extended research into video-recording and audio-disk devices. As a result, consumers will see a wealth of vertical recording devices at the same time American business starts to use them in limited applications.

While many firms struggle to manipulate and enhance technologies familiar to DP, others seek to adapt distant relatives to business applications. One of the more popular adaptations — and one with a great deal of potential, particularly in the area of high-capacity archival storage — is the digital optical disk.

Optical disks resemble standard phonograph records except they are slightly thicker and sturdier and their surface has a metallic sheen. Information is recorded on



the disks by a laser that burns information onto the disks' surface, creating the necessary bits and bytes that are familiar to a computer's processing unit. Although a relatively new technology — it got its start some years ago in the form of video disks for home entertainment and only recently has been investigated by computer firms as a viable alternative to magnetic disk drives and micrographics storage — optical disks are already involved in a standards battle involving different types of disks and recording methods. Basically, there are three types of optical disks: capacitance electronic disks, which allow users to play back information by using a device that runs a stylus over grooves burned into the disk's surface, much like a phonograph record; optical-encoded disks, sometimes called laser disks; and video high-density disks. However, only one disk type, optical-encoded, offers benefits to DP because of its high capacity. It is also the only type of disk that can be erased and rerecorded upon, as demonstrated recently by a Japanese firm.

The most attractive feature of optical disks are their storage capabilities. The average optical disk can maintain up to 1G byte of information — approximately 500,000 pages of typewritten text. Most optical disks range in size from 10 to 12 inches, but Sony Corp. is reportedly readying the introduction of a 4.7-in. model that is capable of holding 635M bytes of data on one side. Philips Research has shown a 2-in. version that can not only store up to 10M bytes of data (or 5,000 pages of text), but offers erasability, which makes it a keen competitor to the floppy disk in the portable computer market.

There are a number of ways information is recorded into the surface of an optical disk. The most common is called the ablative technique which involves using a laser which blasts tiny holes into a

thin metal film usually made from a tellurium alloy. The holes are read as bits of data. In another technique, the laser is used to blister the surface of the metal, raising tiny bumps. Although the disk is not "destroyed" by burning a hole or raising a bump, it cannot be rerecorded upon with new information.

The third recording method, and the most viable for anything other than archival storage needs, involves using the laser's pinpoint beam of heat to scorch the surface of the metal, changing its reflective properties. The laser can read these different reflective shades as bits of information. More importantly, the laser can be refocused on the disk to change the reflective properties again and again, onto the disk's surface, a vast improvement over the ablative and blister techniques.

Matsushita Electric Industrial Co. was the first to introduce officially an erasable optical disk earlier this year at the National Computer Conference, in Anaheim, Calif. It is priced at approximately \$100,000 for a full system or \$30,000 for the recorder/playback mechanism alone. In addition to Matsushita, Sony also recently introduced an erasable disk in New York.

The most likely first uses of optical-disk systems will be to supplement rather than to replace standard data processing. For example, the city of Boston has just finished compiling a data and optical-disk system that allows people in the city's tax department to call up instantly both words and pictures regarding a taxpayer's residence. Because of the high storage capabilities of optical-disk systems and the present high cost of erasable devices, optical recording will have a heavy impact on historical and archival filing techniques. At the moment, micrographics is the leading archival storage technology, but optical disks seem to

offer a more cost-effective alternative to this photographic-film-based method of long-term data storage.

One indication that optical disks are quickly moving into the archival storage area and are threatening to obsolete image techniques is that the National Micrographics Association earlier this year underwent both a change in name and philosophy. The group, now called The Association for Information and Image Management has broadened its view to recognize all forms of information storage, including the optical disk.

A number of things may hold up the erasable disk's ultimate entry into the business market. One is that old bugaboo, standards. At a standards meeting held in Washington, D.C., earlier this year, disk manufacturers could not even agree on the size of the spindle hole, let alone a recording format. Then there is the legal question, brought about by some manufacturers inadvertently or knowingly stepping on other vendors' developmental toes.

Shortly after its introduction, for example, Matsushita was issued a temporary restraining order, barring them from showing or discussing its erasable disk product in public. The reason for this was reportedly because some of the technology used in the disk — based on amorphous semiconductors — was copied from technology patented by a small firm in Troy, Mich., Energy Conversion Devices.

A few weeks later, at a press conference held in Japan, Msaid to have admitted adopting some of Energy Conversion Devices' techniques in its erasable optical disk design. However, according to at least one consultant in the area, the affair could serve to delay development of the erasable optical disk. □

Scannell is Technical Editor at Computerworld newspaper.



ILLUSTRATION BY MIKE MEYER

May We Help You?

By R.C. Lodie

For data processing managers and professionals used to working with mainframes and minicomputers, unfamiliarity with the microcomputer marketplace can present a two-fold purchasing challenge. First, buyers must be able to choose from an escalating number of peripherals and software now available because of an increase in microcomputer use. They must also be knowledgeable about the number and types of new distribution channels appearing in the marketplace.

The DP professional today is much more on his own to narrow the options and select a microcomputer system that fits his company's needs. No longer can he rely on a team of specialists to supply the appropriate stand-alone computers or networking systems, cost-effective printers, modems, plotters and other peripherals. Today's DP manager must be able to aggressively seek out the right dealer to help him select, install and make productive the company's microcomputer system.

Typically, a mainframe or minicomputer sale is made by a team of technical and sales specialists working directly for the computer

manufacturer or for a large systems house. The team evaluates everything, including existing hardware and software and networking needs and suggests possible hardware and software support, financing and leasing alternatives.

When purchasing a microcomputer and its accompanying peripherals and software, on the other hand, the degree of support the DP professional gets depends largely on the type of vendor selected. There are several types to choose from, including manufacturers themselves, office supply dealers, storefronts within large corporations, retail dealers and value-added dealers — or systems integrators as they are sometimes called.

A manufacturer already servicing an account will add microcomputers to his line of products and continue to call on the DP or management information systems manager. Benefits of this type of vendor are his computer expertise and his knowledge of the company's business and compatibility between existing high-end systems and a line of microcomputer systems.

The strength of office supply

dealers is their knowledge of the office environment. An extra demand is placed upon the buyer, however, because he must thoroughly investigate the technical expertise of the salesmen, the maintenance programs offered and the counseling capabilities of this group. Office suppliers typically have an outside sales force and DP professionals should expect to receive sales calls from these vendors.

One of the newest types of outlets that has yet to see widespread acceptance is the company store, which is usually located on the premises of large corporations. The store stocks microcomputer products approved by that company and employs personnel to demonstrate systems, answer application questions and service installations. Benefits of this type of outlet are convenience, the availability of technical expertise and, in some cases, better prices due to volume purchasing or the fact that the corporation does not have to show a profit for the store.

A fourth type of dealer, computer retailers, best serves customers who are computer experts. Traditionally, retail outlets provide a se-

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129



lection of microcomputer systems, peripherals and software and are staffed by personnel whose technical expertise may be quite limited. A minimum of customer interface and training is available. Although large dollar volume sales are initiated and directed by retail outlets, this type of vendor takes more of a do-it-yourself approach than value-added dealers.

Value-added dealers, or systems integrators, offer a full range of services, including help with requirements analysis and cost justification, proposed financing alternatives, the selection and installation of hardware and software, training, on-going system maintenance and software support. Many principals of value-added dealerships have come out of a solid computer sales and systems analysis background, or out of involvement in a particular industry.

People leaving an industry to open their own businesses will often sell software programs they've developed for specific vertical markets. Buyers who deal with the smaller value-added dealerships sometimes have access to a greater percentage of the principal's time than those who deal with large dealerships. In either case, for equipment purchases of over a thousand dollars, the recommended first step is finding a value-added dealer who knows your area of business.

Although products from value-added dealers may initially cost slightly more, the serious purchaser should not confuse price with cost. In the long run, working with a vendor who can put together a system that meets your short and long term needs, and who will provide on-going maintenance and counsel, is preferable to buying less expensive equipment that is incompatible or quickly outdated. Value-added dealers usually extend the above mentioned services as part of their business practice.

Personal referral is one of the best methods for locating the right dealer. You probably already know someone in your professional cir-

cle or within your own company who can make an objective dealer recommendation. Articles and publicity in trade and professional journals are another source of dealer leads.

When you have compiled a list of a few potential dealers, call each one and ask for references, then talk to the customers before deciding on a dealer. You may want to make an appointment to personally visit the references that are using computer systems for applications similar to yours.

When you contact each of the customers, be prepared to ask specific questions:

Did the dealer sell a system that meets the customer's needs, or was he trying to move equipment? Did he spend time discussing and trying to understand the buyer's needs before offering a solution? Did he help clarify the customer's needs? Did he take a personal interest in the purchase and understand the intended applications?

Besides having the ability to listen to an analysis of your company's needs, a good dealer will adopt the ethical approach of not trying to sell equipment that is not needed. He will also have enough experience in customizing computer systems to recognize hidden needs in your situation or to suggest additional peripherals. He knows that extra time and effort spent up front investigating the situation and laying out short and long range plans will more than repay the buyer in the long run.

Other questions you should ask the customer are:

Was the dealer there at the time of installation? Did the customer receive adequate training? Does the dealer have a well-trained and professional staff to provide on-going support? What kind of follow-up and maintenance does the dealer provide and how promptly does he follow through?

Since it's the dealer, not the buyer, who is most familiar with the equipment, a good vendor will take responsibility for overseeing the correct installation of the

equipment and making it productive. Bringing company personnel up to speed on how to operate the system is another task that efficient dealers consider to be part of the sale. Ideally, the value-added dealer will employ personnel with strong backgrounds relating to either the technical or applications side of the equipment. A short mean time between repair is important and availability of the deal-

S*ince it is the dealer, not the buyer, who is most familiar with the equipment, a good vendor will take responsibility for overseeing the correct installation of the equipment and making it productive. Ideally, the value-added dealer will employ personnel with strong backgrounds relating to either the technical or applications side of the equipment.*

ership's technical support team should be discussed before a purchase is made.

Another important question to ask the customer referred by the value-added dealer is whether the system does what the vendor said it would. Before a purchase is made, an exact analysis of business needs and what the proposed system can do should be drawn up. After installation, a comparison of functions the on-line system is performing should be made with the original analysis. Keep the dealer apprised of any discrepancies or failures within the system. A good value-added dealer will be responsive to your requests.

Finally, ask if the manufacturer provides access to a national maintenance organization such as TRW, Inc. If not, find out if the dealer has an adequate, reputable, well staffed service department for on-going maintenance of equipment.

Your next step is to visit those dealers that have earned high marks from their customers. Describe your business activities and discuss your system requirements in depth. The best dealer will demonstrate an interest in and an understanding of your specific needs. He will suggest additional ways a computer system can be used to your advantage, such as the initial purchase of a few terminals that can then be networked as your company expands, or peripherals with flexible capabilities that can be shared.

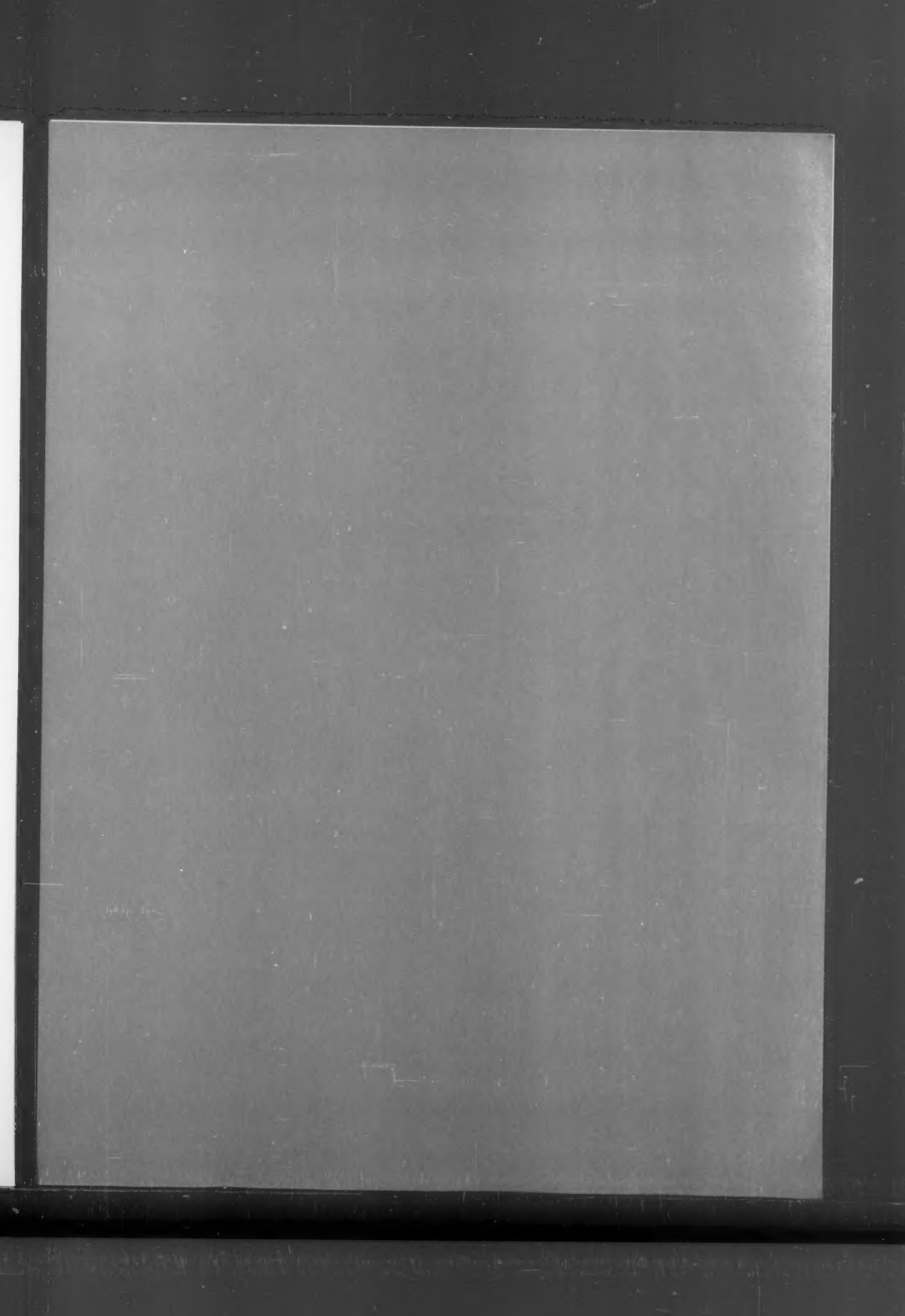
It is also important that your dealer be familiar with available software, and as mentioned, many value-added dealers have devel-

oped software packages for very specific markets. They can customize computer hardware and software to your own specifications within those markets. Typically, a dealer offers three kinds of software: packages compatible with a specific computer and supplied by the manufacturer; compatible software developed by a third party but sold through the dealer; and software developed by the dealer. Markets covered by individual vendors vary with the size of their outlets and customer bases but smaller value-added dealers tend to specialize in one to three vertical markets.

To summarize, carefully assess your business and application

needs. Use all the procedures described above to help you find a dealer in whom you have confidence and with whom you can build a long-term relationship. He should be able to add value in terms of requirements analysis, software, training, and support. Then work closely with your chosen dealer to select a system that provides business solutions for today and can be expanded to meet your future requirements. □

Lodie is director of the national accounts program at Vector Graphic, Inc. located in Thousand Oaks, California



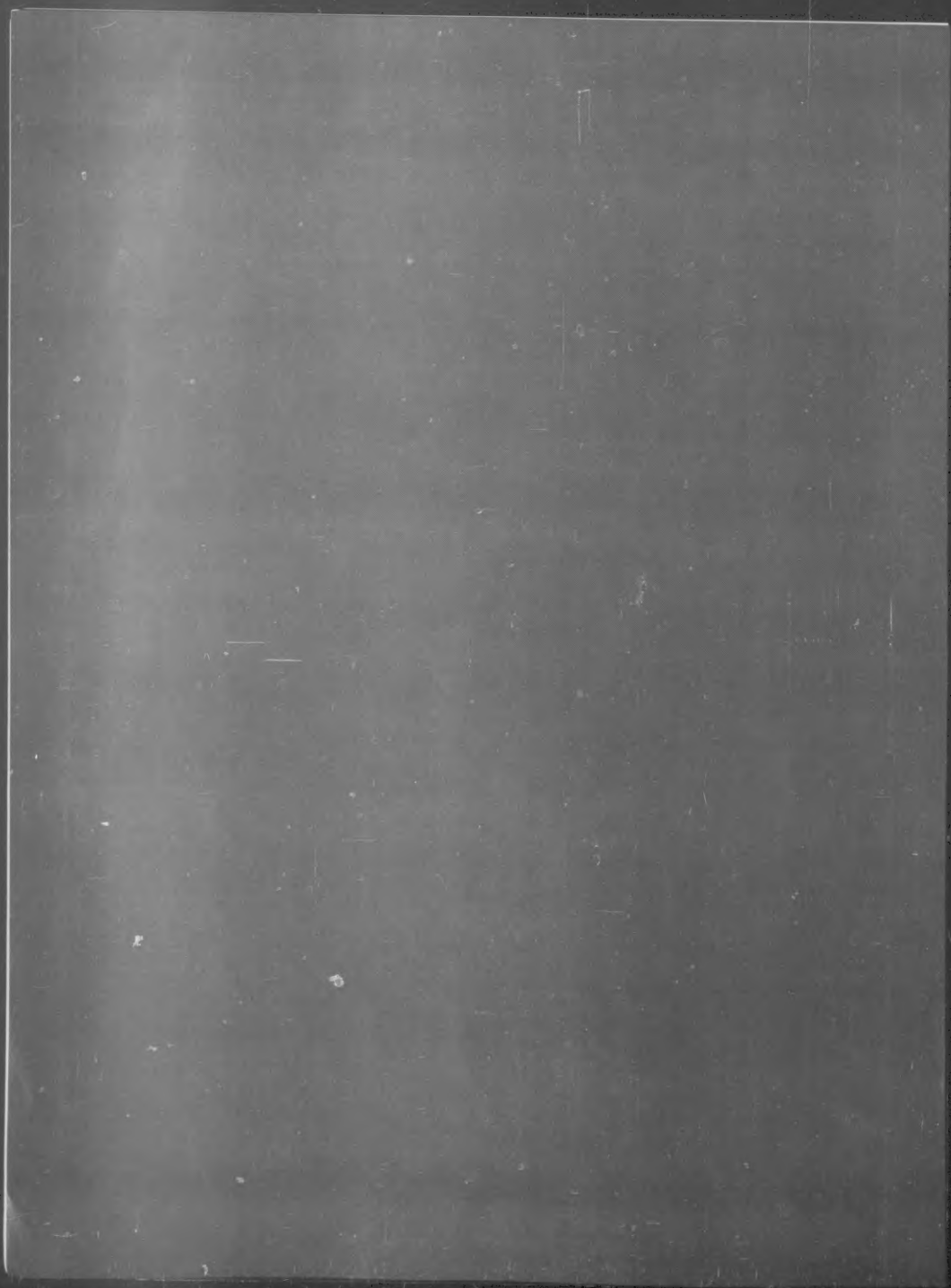
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VENDOR PROFILES



Vendors

AB DICK CO.

Videojet Systems Division
2200 Arthur Ave.
Elk Grove Village, IL 60007
(312) 593-8800

Major Market: Peripheral Manufacturing
Contacts:
Head of Marketing: Ronald Peterson
Head of Engineering: James Stone
Geographic Coverage: International
Year Established: 1972
Number of Employees: 280

AB DICK CO.

Office Products Division
5700 W. Touhy Ave.
Chicago, IL 60648
(312) 647-8800
Major Market: Component, Computer, Terminal, Peripheral and Office Equipment Manufacturing; OEM (Computer Systems); Software House; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Education; Government; Legal
Target Applications: Integrated Office Systems; OA
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Marketing: Clayton Sokley
Geographic Coverage: International
Year Established: 1984

ABLE COMPUTER

1732 Reynolds Ave.
Irvine, CA 92714
(714) 979-7030
Major Market: Peripheral and Communications Equipment Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Bob Jones
Geographic Coverage: International
Year Established: 1975
Number of Employees: 160

ACC

228 E. Coast St.
Santa Barbara, CA 93101
(805) 963-8801
Major Market: Component, Computer and Communications Equipment Manufacturing; Software House; Systems House (Commercial OEM)
Target Industries: Manufacturing; Engineering; R&D; Government
Target Applications: Networking; Interfacing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: David Lawton
Head of Engineering: Ed Faeh
Head of Customer Service: Bob Crane
Geographic Coverage: National
Year Established: 1975
Number of Employees: 110

ACTION COMPUTER, INC.

430 N. Halstead St.
Pasadena, CA 91105
(213) 351-5451
Major Market: Computer Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Software: Herb Siegel

Head of Engineering: Kwok Ong
Geographic Coverage: International
Year Established: 1979
Number of Employees: 40

ADAPTEC, INC.

1625 McCarthy Blvd.
Milpitas, CA 95035
(408) 946-8600
Major Market: Component Manufacturing
Contacts:
Head of Marketing: Don Rector
Head of Software: P. Breiden
Head of Engineering: Bernie Nieman
Head of Customer Service: Wayne Higashi
Geographic Coverage: International
Year Established: 1981
Number of Employees: 22

ADAPTIVE DATA & ENERGY SYSTEMS

2627 Pomona Blvd.
Pomona, CA 91768
(714) 594-5858
Major Market: Component Manufacturing
Target Industries: OEM, Systems Integrators
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Richard Oldixon
Head of Engineering: William Horton
Geographic Coverage: International
Year Established: 1980
Number of Employees: 20

ADDMASTER CORP.

P.O. Box 387
San Gabriel, CA 917780387
(213) 285-1121
Target Industries: Banking; Retail; Engineering; Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Lou Doshay
Head of Sales: Larry Wirtz
Geographic Coverage: International
Year Established: 1956
Number of Employees: 200

ADVANCED COLOR TECHNOLOGY, INC.

21 Alpha Road
Chelmsford, MA 01824
(617) 256-1222
Major Market: Peripheral Manufacturing
Target Industries: Business Graphics
Contacts:
Head of Sales: Jack Flynn
Head of Engineering: Dennis Buckley
Geographic Coverage: International
Year Established: 1980
Number of Employees: 50

ADVANCED DIGITAL CORP.

12700-B Knott St.
Garden Grove, CA 92641
(714) 891-4004
Major Market: Computer Manufacturing
Target Industries: OEM; Distributors
Geographic Coverage: International
Year Established: 1980
Number of Employees: 35

ADVANCED DIGITAL TECHNOLOGY

696 E. Trimble Road
San Jose, CA 95131

San Jose, CA 95131
(408) 946-0503
Major Market: Computer and Peripheral Manufacturing
Target Industries: OEM, Computer Manufacturing
Net Sales: \$1 Million — \$5 Million (1982)
Geographic Coverage: International
Year Established: 1976
Number of Employees: 19

ADVANCED ELECTRONICS DESIGN, INC.

440 Potrero
Sunnyvale, CA 94086
(408) 733-3555
Major Market: Component Manufacturing; Terminal Manufacturing; OEM (Computer Systems)
Target Industries: DEC
Target Applications: CAD
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing/Sales: Stan Coffee
Head of Engineering: Francis Siv
Geographic Coverage: International
Year Established: 1970
Number of Employees: 200

ADVANCED LOGIC SYSTEMS, INC.

1195 E. Argue Ave.
Sunnyvale, CA 94086
(408) 730-0306
Major Market: Component Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Robert Ackerman
Head of Engineering: Charles Maurow
Geographic Coverage: International
Year Established: 1980
Number of Employees: 25

ADVANCED MICRO DEVICES, INC.

901 Thompson Place
Sunnyvale, CA 94086
(800) 538-8450
Major Market: Component Manufacturing; Dealer/Distributor
Contacts:
Head of Marketing: Ben Anixter
Head of Sales: Steven Zelencik
Head of Engineering: John East
Geographic Coverage: International
Year Established: 1971
Number of Employees: 10,000

AEROCOMP, INC.

Redbird Airport
Building 8
P.O. Box 24829
Dallas, TX 75224
(214) 337-4346
Major Market: Component and Peripheral Manufacturing
Target Industries: Microcomputer Users
Contacts:
Head of Marketing: John Lancione
Geographic Coverage: International
Year Established: 1979
Number of Employees: 15

AILE CORP.

25 E. Trimble Road
San Jose, CA 95131

(408) 946-7576
Major Market: Component, Terminal, Peripheral, and Communications Equipment Manufacturing; Maintenance/Other Services
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: International
Year Established: 1977
Number of Employees: 15

A.I.C.S., INC.

P.O. Box 4691
University Park, NM 88003
(505) 526-6842
Target Industries: Engineering; Scientific
Target Applications: WP
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Engineering: Dr. Wirt Almar
Geographic Coverage: International
Year Established: 1976
Number of Employees: 25

ALCYON, INC.

8716 Production Ave.
San Diego, CA 92121
(619) 576-0860
Major Market: Computer Manufacturing; OEM (Peripherals/Terminals); Software House
Target Applications: General Business; Software Development
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing: Lovell C. Chase Sr.
Head of Software: William Allen
Geographic Coverage: International
Year Established: 1979
Number of Employees: 10

ALGO, INC.

9451 Sohaph Lane
Columbia, MD 21045
(301) 730-7442
Major Market: Peripheral Manufacturing
Target Industries: Telephone; Banking; OEM
Target Applications: Data Logging
Contacts:
Head of Marketing/Sales: C.W. Alexander
Head of Software/Engineering: Thomas Gresock
Geographic Coverage: International
Year Established: 1980
Number of Employees: 20

ALLOY COMPUTER PRODUCTS

Alloy Computer Products Division
100 Pennsylvania Ave.
Framingham, MA 01701
(617) 875-6100
Major Market: Peripheral Manufacturing
Contacts:
Head of Marketing: Nigel R. Spicer
Head of Engineering: Ronald Richards
Geographic Coverage: International
Year Established: 1979
Number of Employees: 40

ALPHACOM, INC.

2323 S. Bascom Ave.
Campbell, CA 95008
(408) 559-8000
Major Market: Peripheral

Vendors

Manufacturing; OEM (Peripherals/Terminals)
Target Industries: Electronic Instrument
Target Applications: Medical; OEM; Retail; Portable Terminals
Net Sales: \$5 Million — \$25 Million (1982)
Geographic Coverage: International
Year Established: 1979
Number of Employees: 25

ALPHA DATA, INC.
 20750 Marilla St.
 Chatsworth, CA 91311
 (213) 882-6500
Major Market: Peripheral Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: L.T. Lincoln
 Head of Sales: Rudi Krajovic
Geographic Coverage: International
Year Established: 1968
Number of Employees: 112

ALPHA MERICS CORP.
 20931 Nordhoff St.
 Chatsworth, CA 91311
 (213) 709-1155
Major Market: Peripheral Manufacturing
Target Industries: Engineering; Manufacturing
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing/Sales: Geoffrey Groom
 Head of Engineering: Phil Mobley
 Head of Customer Service: John Long
Geographic Coverage: International
Year Established: 1979
Number of Employees: 50

ALPHA MICRO
 17332 Von Karman
 Irvine, CA 92714
 (714) 957-8500
Major Market: Computer Manufacturing
Net Sales: \$25 Million — \$100 Million (1982)
Contacts:
 Head of Marketing: Richard Oliva
 Head of Sales: Barry Dearborn
 Head of Engineering: John Glade
Geographic Coverage: International
Year Established: 1977
Number of Employees: 280

ALS CORP.
 Infotek Systems Division
 1400 N. Baxter St.
 Anaheim, CA 92806
 (714) 956-9300
Major Market: Peripheral Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Botheo Stevens
Geographic Coverage: International
Year Established: 1976
Number of Employees: 250

ALTEK CORP.
 2150 Industrial Pkwy.
 Silver Spring, MD 20904
 (301) 622-3906
Major Market: Peripheral Manufacturing; OEM (Computer Systems)

Target Industries: Manufacturing; Engineering
Target Applications: Graphics; Mapping; CAD/CAM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing/Sales: Lowell Nerenberg
Geographic Coverage: International
Year Established: 1970
Number of Employees: 45

ALTOS COMPUTER SYSTEMS
 2641 Orchard Park Way
 San Jose, CA 95134
 (408) 946-6700
Major Market: Computer Manufacturing
Target Industries: OEM; Distributors; CAD
Target Applications: General Business
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Marketing: Robert Bozeman
Geographic Coverage: International
Year Established: 1977
Number of Employees: 500

AMCOBYNE, INC.
 1301 S. Sunset St.
 Longmont, CO 80501
 (303) 772-2601
Major Market: Peripheral Manufacturing
Target Industries: OEM
Contacts:
 Head of Marketing/Sales: William T. Chambers
 Head of Engineering: Dave Cordano
Geographic Coverage: International
Year Established: 1981
Number of Employees: 135

AMDAHL CORP.
 1250 E. Arques Ave.
 P.O. Box 470
 Sunnyvale, CA 94086
 (408) 746-7116
Major Market: Component, Computer, Peripheral, Communications Equipment
Manufacturing: OEM (Computer Systems); Software House; Dealer/Distributor; Maintenance/Other Services
Target Applications: Project Productivity
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Marketing: William F. O'Connell
 Head of Software: Fredrick M. Trapnell Jr.
 Head of Engineering: Bruce O'Boe
Geographic Coverage: International
Year Established: 1970
Number of Employees: 5,300

AMDEK
 2201 Lively Blvd.
 Elk Grove Village, IL 60007
 (312) 364-1180
Major Market: Peripheral Manufacturing; Maintenance/Other Services; Miscellaneous Computer Supplies
Contacts:
 Head of Sales: J. Daniel Rimes
Geographic Coverage: National
Year Established: 1977
Number of Employees: 22

AM ELECTRONICS
 2809 Boardwalk
 Ann Arbor, MI 48104
 (313) 996-1956
Major Market: Peripheral Manufacturing; Dealer/Distributor
Geographic Coverage: International
Year Established: 1975
Number of Employees: 8

AMERICAN COMMUNICATIONS CORP.
 180 Roberts St.
 East Hartford, CT 06108
 (203) 289-3491
Major Market: Terminal Manufacturing
Target Industries: Phone Companies
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
 Head of Marketing: T. Dunn
Geographic Coverage: National
Year Established: 1978
Number of Employees: 20

AMERICAN COMPUTER HARDWARE CORP.
 2005 S. Wright St.
 Santa Ana, CA 92705
 (714) 549-2688
Major Market: Component and Peripheral Manufacturing; Dealer/Distributor; Maintenance/Other Services
Target Industries: Wholesale; Retail
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing: E. St. Amour
 Head of Software: B.D. Faw
Geographic Coverage: International
Year Established: 1979
Number of Employees: 23

AMERICAN DATACOM
 16931 Milliken Ave.
 Irvine, CA 92714
 (714) 963-3000
Major Market: Terminal Manufacturing
Contacts:
 Head of Marketing: Bobbi Haasen
 Head of Engineering: William Prast
Geographic Coverage: National
Year Established: 1973
Number of Employees: 20

AMF GEO SPACE CORP.
 5803 Glenmont
 Houston, TX 77081
 (713) 666-1611
Major Market: Peripheral Manufacturing; OEM (Computer Systems)
Target Industries: Seismic
Target Applications: Graphics; Landat
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Paul Hackey
 Head of Sales: Christopher Smith
 Head of Software: Dwight Walker
 Head of Engineering: Tawassul Khan
 Head of Customer Service: Norber Pietsch
Geographic Coverage: International
Year Established: 1957
Number of Employees: 350

AMF LOGIC SCIENCES, INC.
 Suite 103
 10535 Rockley Road

Houston, TX 77099
 (713) 879-0536
Major Market: Computer Manufacturing; OEM (Computer Systems)
Target Industries: Oil Exploration
Target Applications: Displays
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing/Sales: Roger Fuller
 Head of Software/Engineering: John Barugh
 Head of Customer Service: Jim Nipper
Geographic Coverage: International
Year Established: 1973
Number of Employees: 35

AM INTERNATIONAL, INC.
 Varityper Division
 11 Mount Pleasant Ave.
 East Hanover, NJ 07936
 (201) 887-8000
Major Market: Computer, Terminal and Peripheral Manufacturing
Target Industries: Publishing; Printing
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Marketing: Richard Flanagan
 Head of Sales: Richard Schwobel
Geographic Coverage: International
Year Established: 1956
Number of Employees: 2,000

AMLYN CORP.
 2450 Autumnvale Drive
 San Jose, CA 95131
 (408) 946-8616
Major Market: Peripheral Manufacturing
Target Industries: OEM
Contacts:
 Head of Marketing: Robert Oakley
 Head of Engineering: Michael Wong
 Head of Customer Service: Dennis Svanorek
Geographic Coverage: International
Year Established: 1980
Number of Employees: 85

AMPAC BUSINESS SYSTEMS, INC.
 2640 Walnut
 Tustin, CA 92680
 (714) 731-4217
Major Market: Component Manufacturing; OEM (Peripherals-Terminals)
Target Industries: IBM
Geographic Coverage: National
Year Established: 1980
Number of Employees: 8

AMPERIF
 21345 Lassen St.
 Chatsworth, CA 91311
 (213) 998-7666
Major Market: Peripheral Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Neil Lynch
Geographic Coverage: International
Year Established: 1971
Number of Employees: 100

AMPEX CORP.
 Memory Products Division
 200 N. Nash St.
 El Segundo, CA 90245

Vendors

Major Market: Peripheral Manufacturing
Target Industries: OEM
Contacts:
 Head of Marketing: Ken C. Jones
Geographic Coverage: International
Year Established: 1959
Number of Employees: 2,000

ANACOM GENERAL CORP.
 1116 E. Valencia Drive
 Fullerton, CA 92631
 (714) 992-0223
Major Market: Peripheral Manufacturing
Contacts:
 Head of Marketing: William A. Hines Jr.
 Head of Engineering: Christopher Kirk
Geographic Coverage: International
Year Established: 1970
Number of Employees: 30

ANACONDA-ERICSSON, INC.
 Communications Division
 7465 Lampson
 Garden Grove, CA 92641
 (714) 635-0150
Major Markets: OEM (Computer Systems)
Target Industries: Banking; Business
Contacts:
 Head of Marketing: E.T. Stephens
 Head of Sales: Bengt Paulsson
Geographic Coverage: National
Year Established: 1980
Number of Employees: 1,000

ANADIX, INC.
 9825 De Soto Ave.
 Chatsworth, CA 91311
 (213) 998-9010
Major Market: Peripheral Manufacturing
Net Sales: \$25 Million — \$100 Million (1983)
Contacts:
 Head of Marketing: K.A. Mathews
 Head of Sales: J.W. Knox
Geographic Coverage: International
Year Established: 1957
Number of Employees: 400

ANALOG & DIGITAL PERIPHERALS
 815 Diana Drive
 Troy, OH 45373
 (513) 339-2241
Major Market: Peripheral Manufacturing; OEM (Computer Systems); Dealer/Distributor
Target Industries: OEM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Lyle Kuebler
 Head of Engineering: Don Millican
Geographic Coverage: International
Year Established: 1978
Number of Employees: 25

ANALOG PRECISIONS, INC.
 1620 N. Park Ave.
 Tucson, AZ 85719
 (602) 622-1344
Major Market: Component Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM)
Target Industries: Manufacturing; Wholesale

Target Applications: Process Control
Net Sales: \$100,000 — \$500,000 (1981)
Geographic Coverage: National
Year Established: 1976
Number of Employees: 11

ANATRON, INC.
 Aegis Systems
 202 W. Bennett St.
 Saline, MI 48176
 (313) 429-2678
Major Market: Peripheral and Communications Equipment
Manufacturing: Dealer/Distributor
Contacts:
 Head of Marketing: Alfred W. Riley
Geographic Coverage: International
Year Established: 1981
Number of Employees: 8

ANDERSON JACOBSON, INC.
 521 Charcot Ave.
 San Jose, CA 95131
 (408) 263-8520
Major Market: Terminal, Peripheral and Communications Equipment
Manufacturing: Voice Data Systems Managers
Contacts:
 Head of Marketing: Mr. Delong
Geographic Coverage: International
Year Established: 1967
Number of Employees: 850

ANDROMEDA SYSTEMS, INC.
 9000 Eton Ave.
 Canoga Park, CA 91304
 (213) 709-7600
Major Market: Component, Computer and Terminal Manufacturing; Software House; Systems House (Commercial OEM)
Target Industries: Scientific
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Les Lazar
Geographic Coverage: International
Year Established: 1977
Number of Employees: 25

ANN ARBOR TERMINALS, INC.
 6175 Jackson Road
 Ann Arbor, MI 48103
 (313) 663-8000
Major Market: Terminal Manufacturing
Target Industries: Education; Manufacturing
Target Applications: Small Business Systems; Inventory Control; WP, MRP
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing: Gary DeLuca
 Head of Customer Service: Mary Schreck
Geographic Coverage: International
Year Established: 1970
Number of Employees: 60

APPARAT, INC.
 4401 S. Tamarac Pkwy.
 Denver, CO 80237
 (303) 741-1778
Major Market: Component and Peripheral Manufacturing; Software House; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: General Business
Target Applications: Data Base

Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing/Sales: Lois Lauletta
 Head of Software: Jason Matthews
 Head of Engineering: Billy Roach
 Head of Customer Service: Roosevelt Wilson
Geographic Coverage: International
Year Established: 1978
Number of Employees: 35

APPLE COMPUTER, INC.
 20525 Mariani Ave.
 Cupertino, CA 95014
 (408) 996-1010
Major Market: Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems)
Target Industries: General Business
Target Applications: General Business; Personal; Entertainment
Net Sales: More than \$100 Million (1982)
Contacts:
 Head of Sales: Gene Carter
Geographic Coverage: International
Year Established: 1976
Number of Employees: 3,500

APPLIED DIGITAL DATA SYSTEMS, INC. (ADDS)
 100 Marcus Blvd.
 Hauppauge, NY 11787
 (516) 231-5400
Major Market: Computer and Terminal Manufacturing
Contacts:
 Head of Marketing: Joe Maronna
 Head of Customer Service: John Witherow
Geographic Coverage:
Year Established: 1969
Number of Employees: 900

Additional information provided for by supplier
 Call Hall-Mark for ADDS; your computer systems and peripherals source for the 80s

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 P.O. Box 222035
 Dallas, Texas 75222

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 Tulsa.....(918) 665-3200

WEST
 Denver.....(303) 694-1662
 Phoenix.....(602) 243-6601
 San Diego.....(619) 268-1201
 Sunnyvale.....(408) 773-9990

APPLIED DYNAMICS INTERNATIONAL
 3800 Stone School Road
 Ann Arbor, MI 48104
 (313) 973-1300
Major Market: Component and Computer Manufacturing
Target Industries: Aerospace; Energy; Automobile
Target Applications: Simulation Systems; Transmission Design
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Edward Fadden
 Head of Customer Service: Donald Chandler
Geographic Coverage: International
Year Established: 1955
Number of Employees: 83

APPLIED PERIPHERAL SYSTEMS
 555 E. Brokaw Road
 San Jose, CA 95112
 (408) 995-6700
Major Market: Peripheral Manufacturing
Target Industries: OEM
Geographic Coverage: International
Year Established: 1978
Number of Employees: 60

APPLIED SYSTEMS CORP.
 26401 Harper
 St. Clair Shores, MI 48081
 (313) 779-8700
Major Market: Component and Computer Manufacturing; OEM (Computer Systems)
Geographic Coverage: Regional
Year Established: 1965
Number of Employees: 15

APPLIED TECHNOLOGY VENTURES, INC. (ATVINC)
 2921 S. Daimler St.
 Santa Anna, CA 92705
 (714) 546-3551
Major Market: Computer Manufacturing; Systems House (Commercial OEM)
Target Industries: Hospitality; Office Information
Contacts:
 Head of Customer Service: Phil Gomez
Geographic Coverage: International
Year Established: 1979
Number of Employees: 650

APSTEK, INC.
 Suite 335
 2636 Walnut Hill Lane
 Dallas, TX
 (214) 357-5288

Vendors

Major Market: Peripheral Manufacturing
Target Applications: Micro Users
Contacts:
 Head of Marketing: David Rowe
Geographic Coverage: National
Year Established: 1982
Number of Employees: 4

ARCHIVE CORP.
 3540 Cadillac Ave.
 Costa Mesa, CA 92626
 (714) 541-0279
Major Market: Peripheral Manufacturing
Target Industries: OEM
Contacts:
 Head of Marketing: Tom Makmann
Geographic Coverage: International
Year Established: 1980
Number of Employees: 100

ARDENT COMPUTER PRODUCTS, INC.
 145 Palisades St.
 Dobbs Ferry, NY 10522
 (914) 693-6900
Major Market: Component and Computer Manufacturing; Miscellaneous Computer Supplies
Target Industries: OEM
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing: Gilbert Heim
Geographic Coverage: National
Year Established: 1980
Number of Employees: 50

ARIETO GRAPHIC CORP.
 6 Emery Ave.
 Randolph, NJ 07869
 (201) 365-7000
Major Market: Component, Computer and Communications Equipment Manufacturing; OEM (Computer Systems)
Target Industries: Microwave
Geographic Coverage: National
Year Established: 1971
Number of Employees: 10

ARTEC ELECTRONICS
 605 Old Country Road
 San Carlos, CA 95050
 (415) 592-2740
Major Market: Component and Computer Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: International
Year Established: 1972
Number of Employees: 25

ARTS COMPUTER PRODUCTS, INC.
 Suite 1260
 80 Boylston St.
 Boston, MA 02116
 (617) 482-8248
Major Market: Component and Terminal Manufacturing; OEM (Computer Systems); Software House; Systems House (Commercial OEM)
Target Industries: Education; Small Business
Target Applications: WP
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing: Alane Gartner
Geographic Coverage: National
Year Established: 1977
Number of Employees: 58

AST RESEARCH, INC.
 2372 Morse Ave.
 Irvine, CA 92714
 (714) 540-1333
Major Market: Peripheral and Communications Equipment Manufacturing
Target Industries: Banking; Communications; OA; IBM Personal Computer Users
Contacts:
 Head of Marketing: Tom Yuen
 Head of Engineering: Albert Wong
Geographic Coverage: International
Year Established: 1980
Number of Employees: 34

ASTRONAUTICS CORP. OF AMERICA
 4115 N. Teutonia Ave.
 P.O. Box 523
 Milwaukee, WI 53201
 (414) 447-8200
Major Market: Component, Computer, Terminal and Peripheral Manufacturing
Target Industries: Aerospace; Military
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Marketing: R.D. Seinfeld
Geographic Coverage: International
Year Established: 1959
Number of Employees: 1,300

ATARI, INC.
 1265 Borregas Ave.
 P.O. Box 427
 Sunnyvale, CA 94086
 (408) 745-2000
Major Market: Computer Manufacturing; OEM (Computer Systems); Software House
Target Industries: Personal Computer; Education
Target Applications: Educational; General Business; Games
Contacts:
 Head of Marketing: Tom McDonough
 Head of Engineering: M.E. Hoff Jr.
Geographic Coverage: International
Year Established: 1972
Number of Employees: 10,000

ATEX, INC.
 32 Wiggins Ave.
 Bedford, MA 01730
 (617) 275-8300
Major Market: Terminal and Peripheral Manufacturing; OEM (Computer Systems); Manufacturing Special Systems
Target Industries: Printing; In-Plant Printing; Publishing
Target Applications: Text Editing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Roy Cundiff
 Head of Sales: Ed Easley
Geographic Coverage: International
Year Established: 1968
Number of Employees: 1,000

ATHENAUM TECHNOLOGY, INC.
 105 Baystate Drive
 Braintree, MA 02184
 (617) 848-8388
Major Market: Peripheral Manufacturing
Contacts:
 Head of Marketing: Jean-Paul Garodet

Geographic Coverage: International
Year Established: 1982
Number of Employees: 12

AUTECH CORP.
 1301 W. Copans Road
 Pompano Beach, FL 33064
 (305) 979-2700
Major Market: Computer, Terminal and Peripheral Manufacturing; Maintenance/Other Services
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Marvin L. Bunn
 Head of Sales: Richard H. Caro
Geographic Coverage: International
Year Established: 1968
Number of Employees: 75

AUTOMATIC FUNDS TRANSFER SERVICES, INC.
 2040 Westlake N. 313
 Seattle, WA 98109
 (206) 285-5658
Major Market: Peripheral Manufacturing
Target Industries: Banking
Geographic Coverage: International
Year Established: 1971
Number of Employees: 10

AVIV CORP.
 26 Cummings Park
 Woburn, MA 01801
 (617) 933-1165
Major Market: Component Manufacturing
Geographic Coverage: National
Year Established: 1976
Number of Employees: 25

AXION CORP.
 1014 Griswold Ave.
 San Fernando, CA 91340
 (213) 365-9521
Major Market: Peripheral Manufacturing
Target Industries: Instrumentation; Medical; Microcomputer
Target Applications: Hard Copy; Scanning; Data Logging
Contacts:
 Head of Marketing: Simon Harrison
 Head of Sales: Doug Wilson
Geographic Coverage: International
Year Established: 1973
Number of Employees: 50

AXLON, INC.
 70 Daggett Drive
 San Jose, CA 95134
 (408) 945-0500
Major Market: Terminal and Peripheral Manufacturing
Contacts:
 Head of Marketing/Sales: Don Mandell
Geographic Coverage: International
Year Established: 1980
Number of Employees: 45

AZURDATA, INC.
 4102 148th Ave. N.E.
 Redmond, WA 98052
 (206) 881-5100
Major Market: Computer and Terminal Manufacturing; Software House
Target Industries: Food; Drug
Target Applications: Order Entry; Rate Accounting; Third-Party Billing; Inventory
Net Sales: \$5 Million — \$25 Million (1981)

Contacts:
 Head of Marketing: Ray Dawson
Geographic Coverage: National
Year Established: 1972
Number of Employees: 160

BALL CORP.
 P.O. Box 589
 Broomfield, CO 80020
 (303) 457-5260
Major Market: Component Manufacturing; Dealer/Distributor
Target Industries: Banking; Retail; Telephone
Contacts:
 Head of Marketing: Jurgen Mammitsch
 Head of Sales: Dick Searle
 Head of Engineering: Frank DeValle
 Head of Customer Service: Michelle Galema
Geographic Coverage: International
Year Established: 1975
Number of Employees: 125

BALL CORP.
 Electronic Systems Division
 9300 W. 108th Circle
 P.O. Box 589
 Broomfield, CO 80020
 (303) 457-5258
Major Market: Peripheral Manufacturing
Target Industries: Communications; OEM; Systems Houses
Geographic Coverage: International
Year Established: 1974
Number of Employees: 400

BASF SYSTEMS CORP.
 Crosby Drive
 Bedford, MA 01730
 (617) 271-4000
Major Markets: Peripheral Manufacturing; Miscellaneous Computer Supplies
Contacts:
 Head of Sales: John J. Healon
Geographic Coverage: National
Year Established: 1951
Number of Employees: 1,100

BBN COMPUTER CORP.
 33 Moulton
 Cambridge, MA 02238
 (617) 497-3053
Major Market: Computer and Terminal Manufacturing
Target Industries: Defense; Government; Federal Agencies; Large Corporations
Target Applications: OA; Data Control
Contacts:
 Head of Marketing: Charles Stein
 Head of Sales: Terry Fagin
Geographic Coverage: International
Year Established: 1978
Number of Employees: 449

BDS CORP.
 1120 Crane St.
 Menlo Park, CA 94025
 (415) 326-2115
Major Market: OEM (Peripherals/Terminals)
Year Established: 1975
Number of Employees: 35

BEDFORD COMPUTER CORP.
 Tirrell Hill Road
 Bedford, NH 03102
 (603) 668-3400

Vendors

Major Market: Terminal Manufacturing; OEM (Computer Systems)

Target Industries: Fortune 500; Publishers; Insurance

Net Sales: \$5 Million — \$25 Million (1981)

Contacts:

Head of Marketing: Dennis Avila
Head of Sales: Michael Shook
Geographic Coverage: International
Year Established: 1977
Number of Employees: 200

BEEHIVE INTERNATIONAL

4910 Amelia Earhart Drive
Salt Lake City, UT 84125
(801) 355-6000

Major Market: Component and Terminal Manufacturing

Net Sales: \$25 Million — \$100 Million (1981)

Contacts:

Head of Sales: John McGlone
Head of Engineering: Carl Lee
Geographic Coverage: International
Year Established: 1968
Number of Employees: 450

BENSON, INC.

2690 Orchard Pkwy.

San Jose, CA 95152

(408) 945-1000

Major Market: Peripheral Manufacturing

Target Applications: Seismic; CAD/CAM

Contacts:

Head of Marketing: Alexander A. Salotti
Head of Sales: Larry Maguire

Head of Software: R. Bonino

Geographic Coverage: International

Year Established: 1957

Number of Employees: 300

BERING INDUSTRIES, INC.

747 E. Brokaw Road

San Jose, CA 95112

(408) 296-8552

Major Market: Peripheral Manufacturing

Target Industries: HP Users

Contacts:

Head of Marketing: Chin Choy

Geographic Coverage: International

Year Established: 1981

Number of Employees: 15

BGL TECHNOLOGY CORP.

19151 Parthenia St.

Complex C

Northridge, CA 91324

(213) 349-5905

Major Market: Computer and Peripheral Manufacturing

Net Sales: \$500,000 — \$1 Million (1981)

Geographic Coverage: International

Year Established: 1976

Number of Employees: 6

BILLINGS COMPUTER CORP.

16600 E. 37th Terrace

Independence, MO 64057

(816) 373-0000

Major Market: Computer Manufacturing; OEM (Peripherals/Terminals); Software House;

Systems House (Commercial OEM);

Maintenance/Other Services

Target Industries: Retail; WP

Target Applications: Electronic Mail;

Accounting; Program Development;

DBMS

Net Sales: \$1 Million — \$5 Million (1981)

Contacts:

Head of Marketing: Peter Berg

Head of Software: Stephen Hatch

Head of Engineering: Robert J. Ridge

Head of Customer Service: Bill Thomas

Geographic Coverage: International

Year Established: 1978

BIT 3 COMPUTER CORP.

8120 Ponn Ave. S.

Minneapolis, MN 55431

(612) 881-6955

Major Market: Component, Peripheral and Communications

Equipment Manufacturing;

Maintenance/Other Services

Geographic Coverage: International

Year Established: 1980

Number of Employees: 18

BRAEGER CORP.

Minicomputer Peripherals Division

3320 E. LaPalma Ave.

Anaheim, CA 92806

(714) 632-9600

Major Market: Peripheral Manufacturing; OEM (Computer

Systems); OEM (Peripherals/

Terminals)

Net Sales: \$5 Million — \$25 Million (1981)

Contacts:

Head of Marketing: Larry Howell

Geographic Coverage: International

Year Established: 1978

Number of Employees: 100

BRAEGER CORP.

525 Los Coches St.

Milpitas, CA 95035

(408) 945-1900

Major Market: Computer, Terminal and Peripheral Manufacturing; OEM

(Disk Subs)

Contacts:

Head of Marketing: George Everhart

Head of Sales: Ray Foster

Head of Engineering: Ken McCoy

Geographic Coverage: International

Year Established: 1973

Number of Employees: 420

BRAEMAN COMPUTER DEVICES, INC.

11950 12th Ave. S.

Burnsville, MN 55337

(612) 890-5135

Major Market: Peripheral Manufacturing

Target Industries: Manufacturing

Contacts:

Head of Sales: Richard Morris

Head of Engineering: John Rooks

Geographic Coverage: International

Year Established: 1970

Number of Employees: 80

BROOMALL INDUSTRIES, INC.

700 Abbott Drive

Broomall, PA 19008

(215) 328-1040

Major Market: Component and Peripheral Manufacturing; OEM

(Computer Systems); OEM

(Peripherals/Terminals); Software

House; Systems House (Commercial

OEM); Data Services (Service

Bureau); Maintenance/Other

Services

Target Industries: Cartography;

Engineering

Target Applications: Cartography;

CAD/CAM; Technical Publications; Graphic Data Capture

Contacts:

Head of Marketing/Sales: W.C. Schmidt

Head of Software: A.M. Trolie

Head of Engineering: E.B. Busch

Head of Customer Service: J. Bauer

Geographic Coverage: International

Year Established: 1972

Number of Employees: 30

BROTHER INTERNATIONAL CORP.

8 Corporate Place

Piscataway, NJ 08854

(201) 981-0300

Major Market: Peripheral and Office

Equipment Manufacturing

Contacts:

Head of Marketing: Ron Fair

Geographic Coverage: International

Year Established: 1955

Number of Employees: 200

BUDDL-TEC

6800 Sierra Court

Dublin, CA 94566

(415) 829-8700

Major Market: Computer and

Peripheral Manufacturing

Target Industries: Manufacturing

Target Applications: Process

Control; Communications; Industrial

Automobile

Net Sales: \$5 Million — \$25 Million (1981)

Contacts:

Head of Marketing: R.L. Nelson

Head of Sales: T.J. Netoff

Head of Software: J.W. Slater

Head of Engineering: A.C. Foreman

Geographic Coverage: International

Year Established: 1978

Number of Employees: 18

BURN BROWN RESEARCH CORP.

Data Acquisition and Control System

Division

3631 E. 44th St.

Tucson, AZ 85713

(602) 747-0711

Major Market: Component,

Computer, Terminal and Peripheral

Manufacturing; OEM (Computer

Systems)

Target Industries: Manufacturing;

Energy

Target Applications: Process

Control; Factory Data Collection

Net Sales: \$5 Million — \$25 Million (1981)

Contacts:

Head of Marketing: Richard Fretwell

Geographic Coverage: International

Year Established: 1978

Number of Employees: 200

BURROUGHS CORP.

Burroughs Place

Detroit, MI 48232

(313) 972-7000

Major Market: Component,

Computer, Terminal, Peripheral,

Communications Equipment and

Office Equipment Manufacturing;

OEM (Computer Systems); Service

House; Data Services (Service

Bureau); Dealer/Distributor;

Maintenance/Other Services

Target Industries: Financial;

Distribution; Manufacturing;

Education; Government; OA; Office

Supply

Net Sales: More than \$100 Million (1982)

Geographic Coverage: National

Year Established: 1685

Number of Employees: 62,000

BUSINESS INFORMATION SYSTEMS, INC.

1140 36th St.

Ogden, UT 84403

(801) 621-1481

Major Market: Computer

Manufacturing; OEM (Peripherals/

Terminals); Dealer/Distributor

Target Industries: OEM; Sperry

Univac Users

Contacts:

Head of Marketing: Buddy Auble

Geographic Coverage: International

Year Established: 1977

Number of Employees: 26

BYTEK COMPUTER SYSTEMS CORP.

2283 S. Federal

Delray Beach, FL 33444

(305) 272-2051

Major Market: Peripheral

Manufacturing

Geographic Coverage: National

Year Established: 1979

Number of Employees: 15

BYTRONIX CORP.

2701 E. Chapman Ave.

Fullerton, CA 92631

(714) 871-8763

Major Market: Computer

Manufacturing

Target Industries: OEM

Contacts:

Head of Engineering: Keith Wakeling

Geographic Coverage: International

Year Established: 1976

Number of Employees: 21

CALDISK, INC.

18600 E. 37th Terrace

Independence, MO 64057

(816) 373-0000

Major Market: Computer and

Peripheral Manufacturing

Target Industries: OEM

Net Sales: \$1 Million — \$5 Million (1981)

Contacts:

Head of Marketing: Eileen Harding

Head of Engineering: Robert Ridge

Geographic Coverage: International

Year Established: 1979

Number of Employees: 60

CALIFORNIA COMPUTER PRODUCTS, INC. (CALCOMP)

2411 W. La Palma Ave.

Anaheim, CA 92801

(714) 821-2011

Major Markets: Component and

Peripheral Manufacturing;

Maintenance/Other Services

Target Industries: Engineering;

Architecture; Construction

Target Applications: CAD/CAM

Net Sales: More than \$100 Million (1981)

Contacts:

Vendors

CALIFORNIA COMPUTER SYSTEMS

250 Caribbean Drive
Sunnyvale, CA 94086
(408) 734-5811
Major Markets: Computer
Manufacturing
Net Sales: \$5 Million — \$25 Million
(1981)
Contacts:
Head of Marketing: Lauren Willey
Head of Sales: Peter Passaretti
Geographic Coverage: International
Year Established: 1979
Number of Employees: 75

CALIFORNIA MINICOMPUTER SYSTEMS

5534 Westlawn Ave.
Los Angeles, CA 90066
(213) 306-4321
Major Markets: Systems House
(Commercial OEM)
Target Industries: Utilities
Target Applications: Accounting;
Utility
Geographic Coverage: National
Year Established: 1976
Number of Employees: 38

CALLAN DATA SYSTEMS

2645 Townsgate Road
Westlake Village, CA 91361
(805) 497-6837
Major Markets: Computer
Manufacturing
Target Industries: Medical;
Manufacturing; Communications;
Military
Target Applications: Process
Control
Net Sales: \$1 Million — \$5 Million
(1981)
Contacts:
Head of Marketing: Jim Alexander
Geographic Coverage: International
Year Established: 1980
Number of Employees: 45

CAMBEX CORP.

360 Second Ave.
Waltham, MA 02154
(617) 890-6000
Major Markets: Computer and
Peripheral Manufacturing
Contacts:
Head of Marketing: Jean P. Larkin
Geographic Coverage: International
Year Established: 1968
Number of Employees: 120

CAMEO ELECTRONICS, INC.

1626 Clementine St.
Anaheim, CA 92802
(714) 535-1682
Major Markets: Peripheral and
Communications Equipment
Manufacturing; Systems House
(Commercial OEM)
Net Sales: \$1 Million — \$5 Million
(1981)
Contacts:
Head of Customer Service: Ray
Janssen
Geographic Coverage: International
Year Established: 1980
Number of Employees: 17

CANDID LOGIC, INC.

24142 John R. Road
P.O. Box 18
Hazel Park, MI 48030
(313) 542-7095
Major Markets: Component
Manufacturing; OEM (Computer

Systems); Software House; Systems
House (Commercial OEM)
Target Industries: Manufacturing
Target Applications: Industrial
Control; Data Gathering; Monitoring
Net Sales: \$1 Million — \$5 Million
(1982)
Contacts:
Head of Marketing: Robert Kosovich
Geographic Coverage: National
Year Established: 1971
Number of Employees: 45

CANON U.S.A., INC.

1 Canon Plaza
Lake Success, NY 11042
(516) 438-5700
Major Markets: Computer,
Peripheral and Office Equipment
Manufacturing; Systems House;
OEM (Computer Systems)
Net Sales: Over \$100 Million (1982)
Geographic Coverage: International
Year Established: 1966
Number of Employees: 2,500

CAPITOL CIRCUITS CORP.

Printer Products Division
24 Denby Road
Arlington, MA 02134
(617) 757-2030
Major Markets: Peripheral
Manufacturing
Net Sales: \$1 Million — \$5 Million
(1981)
Contacts:
Head of Sales: Martin Schiff
Head of Customer Service: Ginger
Wilson
Geographic Coverage: International
Year Established: 1967
Number of Employees: 180

CARDAMON CO.

P.O. Box 746
Frazier, PA 19355
(215) 647-8260
Major Markets: Peripheral
Manufacturing; Dealer/Distributor
Contacts:
Head of Marketing: Lou Kranzley
Geographic Coverage: International
Year Established: 1973
Number of Employees: 15

CARDIFF TECHNOLOGY, INC.

4060 Morena Blvd.
San Diego, CA 92117
(619) 270-3990
Major Markets: Peripheral
Manufacturing
Target Industries: OEM
Contacts:
Head of Marketing: Aldo Falossi
Geographic Coverage: International
Year Established: 1982
Number of Employees: 11

CARDINAL SCALE MANUFACTURING CO.

P.O. Box 151
Webb City, MO 64870
(417) 673-4631
Major Markets: Computer and
Peripheral Manufacturing; OEM
(Peripherals/Terminals); Software
House
Net Sales: \$25 Million — \$100
Million (1982)
Contacts:
Head of Marketing: Don Johnson
Head of Sales: Steve Cohl
Geographic Coverage: International
Year Established: 1950
Number of Employees: 400

CARTERPHONE COMMUNICATIONS CORP.

Suite 1400
1111 W. Mockingbird Lane
Dallas, TX 75247
(214) 630-9700
Major Markets: Component and
Communications Equipment
Manufacturing; OEM (Computer
Systems); OEM (Peripherals/
Terminals); Dealer/Distributor
Net Sales: \$25 Million — \$100
Million (1981)
Contacts:
Head of Marketing: Terry Schmidt
Geographic Coverage: National
Number of Employees: 400

CENTRAL DATA CORP.

1602 Newton Drive
Champaign, IL 61821
(217) 359-8010
Major Markets: Component,
Computer and Peripheral
Manufacturing; OEM (Peripherals/
Terminals); Dealer/Distributor
Target Applications: General
Business; Accounting; Testing
Device
Net Sales: \$1 Million — \$5 Million
(1981)
Contacts:
Head of Marketing: Earl D. Jacobsen
Head of Sales: Norman MacGregor
Geographic Coverage: International
Year Established: 1975
Number of Employees: 65

CENTRONICS DATA

COMPUTER CORP.
1 Wall St.
Hudson, NJ 03051
(609) 883-0111
Major Markets: Peripheral and Office
Equipment Manufacturing; OEM
(Peripherals/Terminals);
Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Net Sales: More than \$100 Million
(1981)
Contacts:
Head of Marketing: Neil D. Kleinfeld
Head of Sales: Warren E. Allen Jr.
Head of Engineering: Dr. Edward
Corral
Geographic Coverage: International
Year Established: 1968
Number of Employees: 1,800

CENTURY DATA SYSTEMS, INC.

1270 N. Kraemer Blvd.
Anaheim, CA 92806
(714) 632-7500
Major Markets: Peripheral
Manufacturing
Target Industries: High Technology
Contacts:
Head of Marketing: Richard
Brechtlein
Geographic Coverage: International
Year Established: 1968
Number of Employees: 800

CGRS MICROTECH, INC.

P.O. Box 102
Langhorne, PA 19047
(215) 757-0284
Major Markets: Peripheral and
Communications Equipment
Manufacturing; Software House;
Dealer/Distributor
Target Industries: Engineering

Target Applications: WP
Net Sales: Less than \$100,000
(1981)
Geographic Coverage: International
Year Established: 1975
Number of Employees: 5

CHI CORP.

21111 Chagrin Blvd.
Beachwood, OH 44122
(216) 991-9000
Major Markets: Terminal and
Communications Equipment
Manufacturing; OEM (Computer
Systems); Systems House
(Commercial OEM); Data Services
(Service Bureau); Maintenance/Other
Services
Geographic Coverage: International
Year Established: 1976
Number of Employees: 24

CHRISLIN INDUSTRIES, INC.

Computer Products Division
31352 Via Colinas, No. 102
Westlake Village, CA 91362
(213) 991-2254
Major Markets: Peripheral
Manufacturing; OEM (Computer
Systems)
Target Industries: Manufacturing
Net Sales: \$5 Million — \$25 Million
(1981)
Contacts:
Head of Marketing: Linda Siroin
Geographic Coverage: International
Year Established: 1975
Number of Employees: 38

CHROMATICS, INC.

2558 Mountain Industrial Blvd.
Tucker, GA 30084
(404) 493-7000
Major Markets: Computer and
Special Systems Manufacturing
Target Industries: Manufacturing;
Engineering
Target Applications: Graphics;
Process Control, CAD/CAM
Contacts:
Head of Marketing: M.L. Durham
Head of Sales: Dan Cornett
Geographic Coverage: International
Year Established: 1976

CIE SYSTEMS, INC.

2515 McCabe Way
P.O. Box 16579
Irvine, CA 92713
(714) 660-1800
Major Markets: Computer
Manufacturing
Target Industries: Product and
Systems OEM
Target Applications: General
Business
Contacts:
Head of Marketing: Warren Blossom
Geographic Coverage: National
Year Established: 1981
Number of Employees: 60

CIPHER DATA PRODUCTS, INC.

10225 Willow Creek Road
San Diego, CA 92131
(714) 578-9100
Major Markets: Peripheral
Manufacturing
Contacts:
Head of Marketing: Larry Hemmerich
Geographic Coverage: International
Year Established: 1968
Number of Employees: 1,100

Vendors

CIPRICO, INC.

2405 Annapolis Lane
Plymouth, MN 55441
(612) 559-2034
Major Markets: Component Manufacturing
Target Industries: OEM; One-Time Buyers
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Stu Reile
Head of Software: Bill Moran
Head of Engineering: Mike Quealy
Head of Customer Service: Bill Slick
Geographic Coverage: International
Year Established: 1978
Number of Employees: 22

C. ITOH ELECTRONICS, INC.

5301 Beethoven St.
Los Angeles, CA 90066
(213) 306-6700
Major Markets: Terminal and Peripheral Manufacturing; Dealer/Distributor
Geographic Coverage: International
Year Established: 1973
Number of Employees: 75

CIMC INTERNATIONAL

Suite 220
1720 130th Ave. N.E.
Bellevue, WA 98005
(206) 453-9777
Major Markets: Computer Manufacturing
Target Industries: Dealers
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Gerald Jones
Geographic Coverage: International
Year Established: 1978
Number of Employees: 25

COASTAL DATA PRODUCTS, INC.

7370 N.W. 36 Ave.
Miami, FL 33147
(305) 696-8800
Major Markets: Peripheral and Communications Equipment Manufacturing
Target Industries: Manufacturers; Hospitals
Target Applications: Attendance; Job/Labor Costing; Security Access; Inventory
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Sales: Andrew R. Sevik
Head of Software: Rick Smith
Geographic Coverage: International
Year Established: 1973

COBAR, INC.

2570 E. Cerrito Ave.
Anaheim, CA 92806
(714) 634-2800
Major Markets: Terminal Manufacturing
Geographic Coverage: International
Year Established: 1980

CODAR TECHNOLOGY

1428 Florida
Longmont, CO 80501
(303) 776-0472
Major Markets: Terminal Manufacturing; OEM (Computer Systems)
Year Established: 1980
Number of Employees: 7

CODATA SYSTEMS CORP.

285 N. Wolfe Road
Sunnyvale, CA 94086
(408) 735-1744
Major Markets: Computer Manufacturing; OEM (Peripherals/Terminals); Software House
Target Industries: Engineering
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Beau Vrolyk
Head of Engineering: Bob Davis
Geographic Coverage: International
Year Established: 1979
Number of Employees: 55

CODEX CORP.

20 Cabot Blvd.
Mansfield, MA 02048
(617) 364-2000
Major Markets: Computer, Terminal and Peripheral Manufacturing
Target Applications: Data Communications; Data Processing
Contacts:
Head of Marketing: John Pugh
Geographic Coverage: International
Year Established: 1962
Number of Employees: 2,500

COGITO SYSTEMS, INC.

118 Charcut Ave.
San Jose, CA 95135
(408) 942-8262
Contacts:
Head of Marketing: Andrew Roman
Geographic Coverage: International
Year Established: 1982
Number of Employees: 110

COLORADO VIDEO, INC.

P.O. Box 328
Boulder, CO 80306
(303) 444-3972
Major Markets: Peripheral and Communications Equipment Manufacturing; Maintenance/Other Services
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing: Cynthia Keen
Head of Engineering: John Sparks
Geographic Coverage: National
Year Established: 1965
Number of Employees: 47

COLORGRAPHIC COMMUNICATIONS CORP.

Suite 105
2379 John Glenn Drive
P.O. Box 80448
Atlanta, GA 30366
(404) 455-3921
Major Markets: Terminal Manufacturing; OEM (Peripherals/Terminals)
Target Industries: Business
Target Applications: Process Control
Contacts:
Head of Engineering: James C. Higgins
Geographic Coverage: International
Year Established: 1981
Number of Employees: 15

COLUMBIA DATA PRODUCTS, INC.

9180D Rumsey Road
Columbia, MD 21045
(301) 992-3400
Major Markets: Computer and Peripheral Manufacturing

Target Industries: Manufacturing; Engineering; Professional
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: John A. White
Head of Sales: Michael Helman
Head of Engineering: Richard Mathews
Geographic Coverage: International
Year Established: 1976
Number of Employees: 150

COMARK CORP.

93 West St.
P.O. Box 474
Medfield, MA 02052
(617) 359-8161
Major Markets: Component, Computer and Peripheral Manufacturing; OEM (Computer Systems); Dealer/Distributor; Maintenance/Other Services
Target Applications: Process Control; Lab Functions; Data Acquisition; Accounting
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Mike Ginski
Head of Sales: William Breen
Geographic Coverage: International
Year Established: 1975
Number of Employees: 50

COMBUR CORP.

4116 Via Solano
Palos Verdes Estates, CA 90274
(213) 378-7002
Major Markets: Component and Peripheral Manufacturing; Dealer/Distributor
Net Sales: \$500,000 — \$1 Million (1981)
Geographic Coverage: International
Year Established: 1975
Number of Employees: 12

COMMEX, LTD.

141 Central Park S.
Hartsdale, NY 10530
(703) 821-8766
Major Markets: Component Manufacturing
Target Applications: Communications
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: International
Year Established: 1980
Number of Employees: 20

COMMODORE BUSINESS MACHINES, INC.

Systems Division
487 Devon Park Drive
Wayne, PA 19087
(215) 687-9750
Major Markets: Computer and Peripheral Manufacturing; Software House; Systems House (Commercial OEM)
Contacts:
Head of Software: Paul Goheen
Geographic Coverage: International

COMMODORE BUSINESS MACHINES, INC.

The Meadows
487 Devon Park Drive
Wayne, PA 19087
(215) 687-9750
Major Markets: Component, Computer, Terminal, Peripheral and Communications Equipment

Manufacturing; Software House
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing: Myrdin Jones
Geographic Coverage: International
Year Established: 1976
Number of Employees: 520

COMMUNICATION MANUFACTURING CO.

3300 E. Spring St.
Long Beach, CA 90801
(213) 426-8345
Major Markets: Computer Manufacturing; Security System
Target Industries: Security; Access Control
Target Applications: Facility Management
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Jack Shelton
Head of Sales: Jim St. Pierre
Geographic Coverage: International
Year Established: 1962
Number of Employees: 250

COMPATIBLE COMPUTER CORP.

3330 South, 300 West
Salt Lake City, UT 84115
(801) 487-8825
Major Markets: Component and Computer Manufacturing; OEM (Computer Systems); Dealer/Distributor
Contacts:
Head of Sales: Royal D. Smith
Geographic Coverage: National
Year Established: 1978
Number of Employees: 12

COMPRINT, INC.

340 E. Middlefield Road
Mountain View, CA 94043
Major Markets: Peripheral Manufacturing; Maintenance/Other Services
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
Head of Engineering: Larry Kelly
Geographic Coverage: Regional
Year Established: 1976
Number of Employees: 6

COMPUGRAPHIC CORP.

200 Ballardvale St.
Wilmington, MA 01887
(617) 944-8555
Major Markets: Computer Manufacturing; OEM (Computer Systems)
Target Industries: Publishing; Newspaper; Commercial Printing; Education; Government
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Marketing: Bryan E. Newman
Head of Sales: James Winters
Head of Software: Edward Klemm
Head of Engineering: David Lundquist
Geographic Coverage: International
Year Established: 1961
Number of Employees: 4,300

COMPUPRO CORP.

Building 725
Oakland Airport, CA 94614
(415) 562-0636

Vendors

Major Markets: Computer and Peripheral Manufacturing; OEM (Peripherals/Terminals); Maintenance/Other Services
Target Industries: General Business; Industrial; Scientific
Contacts:
 Head of Sales: Jim Lamphear
 Head of Engineering: Kevin Fisher
Geographic Coverage: International
Year Established: 1975
Number of Employees: 50

COMPUTEK, INC.
 63 Second Ave.
 Burlington, MA 01803
 (617) 272-8100
Major Markets: Computer and Terminal Manufacturing; OEM (Computer Systems); Software House
Target Industries: Publishing; Typographic; OA
Target Applications: Front-End Typesetting; WP
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Michael Gold
 Head of Sales: Robert Moran
 Head of Software: Martin King
 Head of Engineering: William Riley
 Head of Customer Service: Carmen Levinson
Geographic Coverage: International
Year Established: 1969
Number of Employees: 90

COMPUTER AUTOMATION, INC.
 Commercial Systems Division
 2181 Dupont Drive
 Irvine, CA 92713
 (714) 833-8830
Major Markets: Computer and Communications Equipment Manufacturing; Maintenance/Other Services
Target Industries: Distribution; End Users
Contacts:
 Head of Marketing: Richard A. Cornstock
Geographic Coverage: International
Year Established: 1975
Number of Employees: 500

COMPUTER COMMUNICATIONS SPECIALISTS, INC.
 6683 Jimmy Carter Blvd.
 Atlanta, GA 30071
 (404) 441-3114
Major Markets: Component, Computer, Peripheral and Communications Equipment Manufacturing; OEM (Computer Systems); Software House; Systems House (Commercial OEM); Dealer/Distributor; Maintenance/Other Services
Target Industries: Utilities; Manufacturing; Retail; Wholesale
Target Applications: Data Entry; POS Polling; Badge Readers; Bar Code Readers
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing: Steve A. Aulderhar
 Head of Software: R.L. Pass
 Head of Engineering: Dr. Dwight Jones
Geographic Coverage: International

Year Established: 1977
Number of Employees: 30

COMPUTER COMMUNICATIONS, INC.
 2610 Columbia St.
 Torrance, CA 90503
 (213) 320-9101
Major Markets: Terminal and Communications Equipment Manufacturing
Target Industries: IBM 3700 Series Front-End Processor; Message Switchers; Airline Reservations; Electronic Mail
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Gary L. Brumfield
 Head of Sales: Robert L. Cole
 Head of Software: Tony R. Fonz
 Head of Engineering: Carl E. Vanderbeek
 Head of Customer Service: Jess Acciaccia
Geographic Coverage: National
Year Established: 1966
Number of Employees: 150

COMPUTER CONSOLES, INC.
 97 Humbolt St.
 Rochester, NY 14609
 (716) 482-5000
Major Markets: Computer Manufacturing; OEM (Computer Systems)
Target Industries: Telephone; OA
Target Applications: WP; Directory Assistance; OA
Contacts:
 Head of Marketing/Sales: Gary Haynes
 Head of Engineering: William Deller
Geographic Coverage: National
Year Established: 1968
Number of Employees: 1,050

COMPUTER DESIGNED SYSTEMS, INC.
 Commercial Systems Division
 10911 Olson Memorial Highway
 Minneapolis, MN 55441
 (612) 545-2855
Major Markets: Component, Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM)
Target Industries: Manufacturing; Distribution; Medical
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Engineering: Thanasis Spiropoulos
Geographic Coverage: National
Year Established: 1968
Number of Employees: 45

COMPUTER DEVICES, INC.
 25 North Ave.
 Burlington, MA 01803
 (617) 273-1550
Major Markets: Computer and Terminal Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing/Sales: Robert Joseph
 Head of Engineering: Gerry Galicki
Geographic Coverage: International
Year Established: 1969
Number of Employees: 350

COMPUTER DYNAMICS, INC.
 105 S. Main St.
 Greer, SC 29651
 (803) 877-7471
Major Markets: OEM (Peripherals/Terminals); Software House
Target Industries: Engineering; Small Business
Contacts:
 Head of Marketing: Susan Priester
 Head of Sales: Kurt Priester
Geographic Coverage: National
Year Established: 1981
Number of Employees: 24

COMPUTER EQUIPMENT SERVICES
 P.O. Box 36
 Hawthorne, CA 90250
 (213) 777-4070
Target Industries: DP
Target Applications: DP
Contacts:
 Head of Marketing: Rick Erich
 Head of Engineering: Chuck Williams
 Head of Customer Service: John Brown
Geographic Coverage: International
Year Established: 1955
Number of Employees: 35

COMPUTER EXTENSION SYSTEM, INC.
 17511 El Camino Real
 Houston, TX 77058
 (713) 488-8830
Major Markets: Computer, Peripheral and Office Equipment Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM)
Target Industries: WP; Business; OEM
Target Applications: WP; OEM; Business
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
 Head of Sales: Gary L. Wagner
 Head of Engineering: Dante A. Maruccio
Geographic Coverage: National
Year Established: 1975
Number of Employees: 10

COMPUTER IDENTICS CORP.
 5 Shawmut Road
 Canton, MA 02021
 (617) 821-0830
Major Markets: Peripheral Manufacturing; OEM (Computer Systems); Maintenance/Other Services; Code Scanning Equipment
Target Industries: Materials Handling; Distribution; Foods
Target Applications: Distribution Management; Production Management; Inventory Control; Data Acquisition
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Edmund P. Andersson
 Head of Sales: Charles E. Mara
 Head of Software: Theodore Williams
 Head of Engineering: Chris B. Kapsambelis
Geographic Coverage: International
Year Established: 1968
Number of Employees: 110

COMPUTER MEMORIES, INC.
 9216 Eton Ave.
 Chatsworth, CA 91311

(213) 709-6445
Major Markets: Peripheral Manufacturing
Contacts:
 Head of Sales: Trevor Constable
 Head of Engineering: Avi Brand
Geographic Coverage: International
Year Established: 1981
Number of Employees: 250

COMPUTER PARTS EXCHANGE (CPX)

19821 Nordhoff St.
 Northridge, CA 91324
Major Markets: Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Third-Party Maintenance; Large End User; Systems House (OEM)
Target Applications: Maintenance
Net Sales: \$8.1 Million (1982)
Contacts:
 Head of Marketing: Bob MacGonigal
 Head of Sales: Don Jarrel
Geographic Coverage: International
Year Established: 1976
Number of Employees: 64

COMPUTER PERIPHERALS, INC.
 2621 Van Buren Ave.
 Norristown, PA 19403
 (215) 666-5000
Major Markets: Peripheral Manufacturing
Contacts:
 Head of Sales: Phil Grice
Geographic Coverage: International
Year Established: 1970
Number of Employees: 700

COMPUTERS INTERNATIONAL, INC.
 3540 Wilshire Blvd.
 Los Angeles, CA 90010
 (213) 386-3111
Major Markets: Systems House (Commercial OEM)
Target Industries: OEM
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: National
Year Established: 1977
Number of Employees: 50

COMPUTER TALK, INC.
 2800 S. Rooney Road
 Morrison, CO 80465
 (303) 697-5485
Major Markets: Computer Manufacturing; Software House; Systems House (Commercial OEM); Dealer/Distributor
Target Industries: Engineering; Manufacturing
Target Applications: Visual Graphics; Engineering; Design
Net Sales: \$500,000 — \$1 Million (1981)
Geographic Coverage: National
Year Established: 1972
Number of Employees: 10

COMPUTER TRANSCIVER SYSTEMS, INC.
 66 E. Midland Ave.
 P.O. Box 15
 Paramus, NJ 07652
 (201) 261-6800
Major Markets: Terminal Manufacturing
Target Industries: Banking; Engineering

Vendors

Target Applications: Accounting
Contacts:
Head of Engineering: Al Kritz
Geographic Coverage: International
Year Established: 1968
Number of Employees: 150

COMPUTERWISE, INC.
4006 E. 137th Terrace
Grandview, MO 64030
(816) 765-3330
Major Markets: Terminal
Manufacturing; Maintenance/Other
Services
Target Applications: Commercial;
Industrial
Net Sales: \$500,000 — \$1 Million
(1981)
Contacts:
Head of Marketing/Software: William
W. Brown
Head of Engineering: Rick Culver
Geographic Coverage: International
Year Established: 1971
Number of Employees: 15

COMPUTIME, INC.
8614 Hamilton
Huntington Beach, CA 92640
(714) 536-5000
Major Markets: Component
Manufacturing
Target Industries: OEM
Net Sales: \$100,000 — \$500,000
(1982)
Geographic Coverage: International
Year Established: 1976
Number of Employees: 4

COMEX INTERNATIONAL, INC.
Suite 120
3701 Skypark Drive
Torrance, CA 90505
(213) 373-0280
Major Markets: Peripheral
Manufacturing
Target Industries: Business; Home
Computers
Contacts:
Head of Marketing: Robert Pearce
Head of Sales: Bill Falkenstein
Head of Engineering: Marshall Brown
Geographic Coverage: International
Number of Employees: 30

COMTEC INFORMATION SYSTEMS, INC.
Digitronics Division
53 John St.
Cumberland, RI 02864
(401) 724-8500
Major Markets: Terminal and
Peripheral Manufacturing
Target Industries: OEM;
Government
Net Sales: \$5 Million — \$25 Million
(1981)
Contacts:
Head of Marketing: Richard A.
Hamilton
Geographic Coverage: International
Year Established: 1976
Number of Employees: 40

CONSOLINK CORP.
1840 Industrial Circle
Longmont, CO 80501
(303) 651-2014
Major Markets: Peripheral
Manufacturing
Target Industries: Small Computer
Manufacturing
Contacts:
Head of Sales: Robert Lillard
Head of Engineering: John Wares
Geographic Coverage: International

Year Established: 1982
Number of Employees: 15

CONTEMPORARY CONTROL SYSTEMS, INC.
4949 Forest Ave.
Downers Grove, IL 60515
(312) 963-7070
Major Markets: Computer
Manufacturing; OEM (Computer
Systems)
Target Industries: Industrial
Target Applications: Automatic
Testing; Process Monitoring;
Machine Control; Scientific
Laboratory
Net Sales: \$100,000 — \$500,000
(1981)
Contacts:
Head of Sales: George Thomas
Head of Engineering: Ron Albani
Geographic Coverage: National
Year Established: 1975
Number of Employees: 9

CONTROL CONCEPTS
P.O. Box 2367
Manassas, VA 22110
(800) 368-3078
Major Markets: Terminal and
Communications Equipment
Manufacturing
Contacts:
Head of Marketing: Samuel Ginder
Geographic Coverage: International
Year Established: 1963
Number of Employees: 270

CONTROL DATA CORP.
8100 34th Ave. S.
P.O. Box O
Minneapolis, MN 55417
(612) 853-8100
Major Markets: Component,
Computer, Terminal, Peripheral and
Communications Equipment
Manufacturing; Data Services
(Service Bureau); Maintenance/Other
Services; Miscellaneous Computer
Supplies
Target Industries: Manufacturing;
Electric Utilities; Petroleum/Mining;
Education
Target Applications: CAD/CAM;
Computer-Based Education;
Petroleum Exploration; Electric
Engineering
Net Sales: More than \$100 Million
(1981)
Contacts:
Head of Marketing: R.D. Schmidt
Head of Sales: Richard Rickenbach
Head of Customer Service: Gerald
W. Gilbert
Geographic Coverage: International
Year Established: 1957
Number of Employees: 57,000

CONTROL SYSTEMS
1317 Central Ave.
Kansas City, KS 66102
(913) 342-3535
Major Markets: OEM (Computer
Systems)
Target Industries: Grain; Coal
Target Applications: Process
Control
Geographic Coverage: International
Year Established: 1967
Number of Employees: 85

CONTROL SYSTEMS, INC.
2855 Anthony Lane
Minneapolis, MN 55418
(612) 789-2421

Major Markets: Peripheral
Manufacturing; Systems House
(Commercial OEM); Data Services
(Service Bureau); Dealer/Distributor;
Maintenance/Other Services
Geographic Coverage: National
Year Established: 1976
Number of Employees: 8

COOSOL, INC.
Suite 1
2845 Mesa Verde Drive E.
Costa Mesa, CA 92626
(714) 545-2216
Major Markets: Peripheral
Manufacturing; Software House;
Systems House (Commercial OEM)
Net Sales: \$1 Million — \$5 Million
(1981)
Contacts:
Head of Marketing: A. Solomonian
Head of Engineering: Jim E. Cook
Geographic Coverage: National
Year Established: 1979
Number of Employees: 24

CORE, INC.
542 S.E. 5th Ave.
Delray Beach, FL 33444
(305) 276-3929
Major Markets: Peripheral
Manufacturing; Software House;
Systems House (Commercial OEM);
Dealer/Distributor
Target Industries: Manufacturing;
Accountants; Agriculture;
Broadcasting
Target Applications: Accounting;
General Business
Contacts:
Head of Sales: Florine Prewitt
Geographic Coverage: International
Year Established: 1977
Number of Employees: 7

CORONA DATA SYSTEMS, INC.
31324 Via Colinas
Westlake Village, CA 91361
(213) 706-1505
Major Markets: Computer and
Peripheral Manufacturing
Contacts:
Head of Marketing: P. Kramarz
Head of Sales: George McMurtry
Geographic Coverage: International
Year Established: 1981
Number of Employees: 180

CORVUS SYSTEMS, INC.
2029 O'Toole Ave.
San Jose, CA 95131
(408) 946-7700
Major Markets: Computer and
Peripheral Manufacturing; Software
House
Target Industries: Fortune 1000
Net Sales: \$25 Million — \$100
Million (1982)
Contacts:
Head of Marketing: Joseph Hughes
Head of Engineering: Mark C. Hahn
Geographic Coverage: International
Year Established: 1979
Number of Employees: 325

CRAY RESEARCH, INC.
608 Second Ave. S.
Minneapolis, MN 55402
(612) 333-5889
Major Markets: Computer
Manufacturing
Target Industries: Scientific
Research; Engineering; Weather;
Aerospace

Net Sales: More than \$100 Million
(1981)

Contacts:
Head of Marketing: Michael Dickey
Head of Sales: Bruce N. Kasson
Head of Software: Margaret Loftus
Head of Engineering: Les T. Davis
Head of Customer Service: Don
Whiting
Geographic Coverage: International
Year Established: 1972
Number of Employees: 50

CROMEMCO, INC.
280 Bernardo Ave.
Mountain View, CA 94043
(415) 964-7400
Major Markets: Component,
Computer and Peripheral
Manufacturing
Contacts:
Head of Marketing: Andrew
Procassini
Head of Engineering: Dr. Roger
Mellon
Geographic Coverage: National
Year Established: 1975
Number of Employees: 500

CTS FABRITECK, INC.
System Division
6900 Shady Oak Road
Eden Prairie, MN 55344
(612) 941-9100
Major Markets: OEM (Peripherals/
Terminals)
Target Industries: Military;
Environments; Telecommunications
Net Sales: \$25 Million — \$100
Million (1981)
Contacts:
Head of Engineering: Emmet
Johnson
Geographic Coverage: International
Year Established: 1957
Number of Employees: 400

CUSTOM TERMINALS, INC.
5275 North Blvd.
Raleigh, NC 27604
(919) 876-8731
Major Markets: Communications
Equipment Manufacturing; OEM
(Peripherals/Terminals); Software
House; Systems House (Commercial
OEM)
Target Applications:
Communications Control
Contacts:
Head of Marketing: J. David Hill
Head of Software: Richard Scott
Geographic Coverage: International
Year Established: 1980
Number of Employees: 30

CVM SYSTEMS, INC.
Suite 7
577 Manzanita Ave.
Chico, CA 95926
(916) 895-8324
Major Markets: OEM (Computer
Systems); OEM (Peripherals/
Terminals); Software House;
Dealer/Distributor
Target Industries: Automobile;
Accountants; Professional
Target Applications: General
Business
Net Sales: \$500,000 — \$1 Million
(1982)
Contacts:
Head of Software: Gary Martin
Geographic Coverage: California
Year Established: 1976
Number of Employees: 12

Vendors

CYBERCHRON CORP.

Rt. 9
Garrison, NY 10524
(914) 424-3755
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: Eric Santos
Head of Engineering: Ed Delaney
Geographic Coverage: International
Year Established: 1974
Number of Employees: 15

CYBER DATA CORP.

2611 Garden Road
Monterey, CA 93940
(408) 373-2601
Major Markets: Computer and Peripheral Manufacturing; OEM (Peripherals/Terminals); Software House
Target Industries: Retail
Target Applications: POS
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Software: W. Greive
Head of Engineering: H. Ghy
Geographic Coverage: International
Year Established: 1974
Number of Employees: 25

CYBERMATION, INC.

377 Putnam Ave.
Cambridge, MA 02139
(617) 492-8810
Major Markets: Component Manufacturing; OEM (Computer Systems)
Target Industries: Industrial
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing/Sales: James White
Head of Software: Paul McBride
Head of Engineering: Ned Woodman
Geographic Coverage: International
Year Established: 1974
Number of Employees: 35

CYNTHIA PERIPHERAL CORP.

766 San Alejo Ave.
Sunnyvale, CA 94086
(408) 745-0855
Major Markets: Peripheral Manufacturing
Target Industries: OEM
Contacts:
Head of Marketing: George Toor
Head of Customer Service: Michael Dunningan
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20

DAKTRONICS

Systems Division
331 32nd Ave.
Brookings, SD 57006
(605) 692-6145
Major Markets: Component, Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems); Software House
Target Industries: Sports; Government; Financial
Target Applications: Sporting Scoreboards; Voting Systems; Time/Temperature Displays
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Engineering: James B. Morgan

Geographic Coverage: International
Year Established: 1968
Number of Employees: 130

DASA CORP.

15 Stevens St.
Andover, MA 01810
(617) 475-4940
Major Markets: Component and Peripheral Manufacturing; Software House
Target Industries: Business
Contacts:
Head of Marketing: Chuck Thompson
Head of Engineering: Ernest Von Holten
Head of Customer Service: William Hanlon
Geographic Coverage: International
Year Established: 1966
Number of Employees: 20

DATA ACCESS CORP.

4221 Ponce de Leon Blvd.
Coral Gables, FL 33146
(305) 446-0669
Major Markets: Software House; Systems House (OEM)
Contacts:
Head of Marketing/Sales: Charles Casanave III
Head of Software: Cory Casanave
Geographic Coverage: International
Year Established: 1976
Number of Employees: 10

DATA CARD CORP.

11111 Bren Road W.
P.O. Box 9355
Minneapolis, MN 55440
(612) 933-1223
Major Markets: Peripheral Manufacturing
Target Industries: Finance
Contacts:
Head of Marketing: Chuck Baggosier
Head of Sales: Ted Liberowski
Head of Customer Service: Bob Keyport
Geographic Coverage: International
Year Established: 1969
Number of Employees: 2,000

DATA DESIGN LOGIC SYSTEMS, INC.

4800 Patrick Henry Drive
Santa Clara, CA 95054
(408) 988-7722
Major Markets: Peripheral Manufacturing
Target Industries: Scientific; Engineering; Architecture
Target Applications: CAD
Contacts:
Head of Marketing/Sales: Conrad B. Vance
Head of Software/Engineering: James E. Newland
Head of Customer Service: P. Janet Rose
Geographic Coverage: International
Year Established: 1968

DATADYNE CORP.

P.O. Box 247
King of Prussia, PA 19406
(215) 666-5751
Major Markets: Peripheral Manufacturing
Net Sales: \$100,000 — \$500,000 (1982)

Contacts:

Head of Marketing: James Riggs
Head of Sales: John Keffler
Geographic Coverage: International
Year Established: 1969
Number of Employees: 23

DATA ELECTRONICS, INC.

10150 Sorrento Valley Road
San Diego, CA 92121
(619) 452-7840
Major Markets: Peripheral Manufacturing
Geographic Coverage: International
Year Established: 1974
Number of Employees: 400

DATA ENGINEERING, INC.

Suite 207
2515 N. State Road 7
Margate, FL 33063
(305) 971-0400
Major Markets: Component, Computer and Peripheral Manufacturing; OEM (Peripherals/Terminals); Maintenance/Other Services
Target Industries: Simulation; Scientific; Real Time
Target Applications: Simulation
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: International
Year Established: 1974
Number of Employees: 11

DATA GENERAL CORP.

4400 Computer Drive
Westboro, MA 01580
(617) 366-8911
Major Markets: Computer, Terminal and Peripheral Manufacturing
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Sales: Frank M. Keaney
Geographic Coverage: International
Year Established: 1968
Number of Employees: 14,545

DATA IMPACT PRODUCTS, INC.

745 Atlantic Ave.
Boston, MA 02111
(617) 482-4214
Major Markets: Peripheral and Communications Equipment Manufacturing
Target Industries: Dealers
Contacts:
Head of Marketing: Kevin Noonan
Geographic Coverage: International
Year Established: 1976
Number of Employees: 260

DATALOGICS, INC.

325 W. Huron St.
Chicago, IL 60610
(312) 266-4444
Major Markets: Terminal Manufacturing; Software House; Systems House (Commercial OEM)
Target Industries: Publishing; Insurance; Implant
Target Applications: Typesetting
Contacts:
Head of Sales: Brad Lindroth
Geographic Coverage: National
Year Established: 1968
Number of Employees: 40

DATAMAC PERIPHERAL PRODUCTS

595 Pastoria Ave.
Sunnyvale, CA 94086

(408) 735-0323

Major Markets: Component, Computer and Peripheral Manufacturing; OEM (Peripherals/Terminals)
Target Industries: OEM; Dealer/Distributor; Systems Houses
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing/Sales: Evan Trevino
Head of Engineering: Fletcher Glenn
Geographic Coverage: International
Year Established: 1980
Number of Employees: 100

DATA IMPACT PRODUCTS, INC.

745 Atlantic Ave.
Boston, MA 02111
(617) 482-4214
Major Markets: Peripheral Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing/Sales: Kevin Noonan
Head of Engineering: Ashish Zandieh
Geographic Coverage: International
Year Established: 1976
Number of Employees: 280

DATAMAGNETICS, INC.

338 N. Rockwell Ave.
Oklahoma City, OK 73127
Target Industries: Manufacturing
Net Sales: \$100,000 — \$500,000 (1981)
Geographic Coverage: National
Year Established: 1969
Number of Employees: 25

DATA MANAGEMENT LABS, INC.

2180 Bering Drive
San Jose, CA 95131
(408) 946-9424
Major Markets: Peripheral Manufacturing; Maintenance/Other Services
Target Industries: Systems Integrators
Target Applications: File Management
Contacts:
Head of Marketing: John A. Roth
Geographic Coverage: International
Year Established: 1978
Number of Employees: 25

DATA-MAX

1965 Pratt Blvd.
Elk Grove Village, IL 60007
(312) 981-8205
Major Markets: Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems)
Target Industries: Education
Target Applications: Animation; Graphics
Contacts:
Head of Marketing: Stuart Tanaka
Head of Sales: Justin Crowley
Geographic Coverage: International
Year Established: 1975
Number of Employees: 10

DATAMEDIA CORP.

7401 Central Highway
Pennsauken, NJ 08109
(609) 665-5400
Major Markets: Computer and Terminal Manufacturing; OEM

Vendors

(Peripherals/Terminals); Systems House (Commercial OEM)
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Engineering: Fred Rando
Geographic Coverage: International
Year Established: 1969
Number of Employees: 250

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WEST

Denver.....(303) 694-1662
 Phoenix.....(602) 243-6601
 San Diego.....(619) 268-1201
 Sunnyvale.....(408) 773-9990

DATAMETRICS CORP.

Defense Products Division
 7630 Gloria Ave.
 Van Nuys, CA 91406
 (213) 989-3840
Major Markets: Peripheral Manufacturing
Target Industries: Defense
Target Applications: Military
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing/Sales: James Foti
Geographic Coverage: International
Year Established: 1962
Number of Employees: 150

DATAPLEX, INC.

2521 Pan Ave.
 Elk Grove, IL 60007
 (312) 860-5665
Major Markets: Software House; Systems House (Commercial OEM); Data Services (Service Bureau); Maintenance/Other Services
Target Industries: Manufacturing; Finance; Process Control
Target Applications: Process Control; Accounting
Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
 Head of Marketing: Ruby Kutzer
 Head of Engineering: Ron Dusky
Geographic Coverage: International
Year Established: 1978
Number of Employees: 17

DATA PLUS, INC.

1218 Massachusetts Ave.
 Cambridge, MA 02138
 (617) 547-4875
Major Markets: Software House
Target Industries: Architecture; Restaurant
Target Applications: OA
Geographic Coverage: Regional
Year Established: 1973
Number of Employees: 25

DATAPoint CORP.

9725 Datapoint Drive
 San Antonio, TX 78284
 (512) 699-7000
Major Markets: Computer Manufacturing
Target Industries: General Business; Scientific; Government
Target Applications: DP; WP; OA; Electronic Messaging
Net Sales: More than \$100 Million (1982)
Contacts:
 Head of Marketing: Lawrence Seligman
 Head of Engineering: Victor D. Poor
Geographic Coverage: International
Year Established: 1968
Number of Employees: 8,800

DATA PRINTER CORP.

99 Middlesex St.
 Malden, MA 02148
 (617) 321-2400
Major Markets: Peripheral Manufacturing
Target Industries: OEM; Distribution
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Marketing/Sales: Jack Garrity
Geographic Coverage: International
Year Established: 1968
Number of Employees: 400

DATAPRODUCTS CORP.

6200 Canoga Ave.
 P.O. Box 746
 Woodland Hills, CA 91365
 (213) 887-8000
Major Markets: Terminal, Peripheral and Communications Equipment Manufacturing; OEM (Peripherals/Terminals)
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Marketing: John Harker
 Head of Sales: Jim Towell

Head of Engineering: Clifford Jones
Geographic Coverage: International
Year Established: 1962
Number of Employees: 4,600

DATAPRODUCTS NEW ENGLAND, INC.

Data Communications Division
 Barnes Park N.
 Wallingford, CT 06492
 (203) 265-7151
Major Markets: Terminal and Communications Equipment Manufacturing; OEM (Computer Systems); Software House
Target Industries: Military; Telephone; Insurance; Oil
Target Applications: Network Management; Inscription
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Marketing: Joseph Flaherty
 Head of Engineering: William Gallagher
Geographic Coverage: International
Year Established: 1951
Number of Employees: 700

DATARAM CORP.

Princeton Road
 Cranbury, NJ 08512
 (609) 799-0071
Major Markets: Component, Computer and Peripheral Manufacturing; OEM (Computer Systems); Software House
Target Industries: Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Engineering: Bernie Hellingel
Geographic Coverage: International
Year Established: 1967
Number of Employees: 200

DATASOUTH COMPUTER

P.O. Box 240947
 Charlotte, NC 28224
 (704) 523-8500
Major Markets: Component and Peripheral Manufacturing
Target Industries: Distribution; OEM
Net Sales: \$5 Million — \$25 Million (1983)
Contacts:
 Head of Marketing: James Busby
 Head of Engineering: James Shero
Geographic Coverage: International
Year Established: 1977
Number of Employees: 160

DATA SPECIALTIES, INC.

3455 Commercial Ave.
 Northbrook, IL 60062
 (312) 564-1800
Major Markets: Peripheral Manufacturing
Target Industries: Industrial; ISO
Target Applications: Bar Code; OCR
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: John H. Kindsvater Jr.
Geographic Coverage: International
Year Established: 1969
Number of Employees: 100

DATA STORAGE TECHNOLOGY

14752 Sinclair Circle
 Tustin, CA 92680

(714) 730-0722
Major Markets: Maintenance/Other Services
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
 Head of Marketing: Tom Sammons
Geographic Coverage: National
Year Established: 1978
Number of Employees: 18

DATA SYSTEMS DESIGN, INC.

2241 Lundy Ave.
 San Jose, CA 95131
 (408) 946-5800
Major Markets: OEM (Peripherals/Terminals); Tape Peripheral Manufacturing
Target Industries: OEM
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Marketing: George Fink
 Head of Sales: Ed Churchill
Geographic Coverage: International
Year Established: 1975
Number of Employees: 300

DATASYSTEMS CORP.

10072 Willow Creek Road
 San Diego, CA 92131
 (619) 566-5500
Major Markets: Component Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: William Hughes
Geographic Coverage: International
Year Established: 1977
Number of Employees: 15

DATA TECHNOLOGY CORP.

2775 N. Western Parkway
 Santa Clara, CA 95051
 (408) 496-0434
Major Markets: Component and Peripheral Manufacturing; Maintenance/Other Services
Target Industries: Manufacturing
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing/Sales: Mike Kirby
 Head of Engineering: Lloyd Ebsu
Geographic Coverage: International
Year Established: 1979
Number of Employees: 105

DATA TECHNOLOGY, INC.

4 Gil St.
 Woburn, MA 01801
 (617) 935-8820
Major Markets: Peripheral Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)
Target Industries: Cartology; Footwear; Photography
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing/Sales: Donald Skerbenian
 Head of Software: Dean Coe
 Head of Engineering: George Bruschi
Geographic Coverage: International
Year Established: 1960
Number of Employees: 75

DATA TERMINALS & COMMUNICATIONS

590 Division St.
 Campbell, CA 95008
 (408) 378-1112

Vendors

Major Markets: Terminal Manufacturing

Contacts:

Head of Marketing: Mark Bell
Geographic Coverage: National
Year Established: 1968
Number of Employees: 63

DATA-TYPE, INC.

2615 Miller Ave.
 Mountain View, CA 94040
 (415) 949-1053

Major Markets: Terminal Manufacturing, OEM (Computer Systems); OEM (Peripherals/Terminals)

Target Industries: Engineering; Education; Manufacturing

Target Applications: CAD/CAM

Contacts:

Head of Sales: Ron Kain
Geographic Coverage: International
Year Established: 1982
Number of Employees: 10

DATAVUE CORP.

1911 22nd Ave. S.
 Seattle, WA 98144
 (206) 322-9330

Major Markets: Component, Computer and Terminal Manufacturing; OEM (Computer Systems); Software House

Target Industries: Financial; OA; CAD

Target Applications: CP/M; CAD; General Business

Contacts:

Head of Marketing: Donna Perron
 Head of Engineering: Dick Kretzmer
 Head of Customer Service: Perry Murless
Geographic Coverage: International
Year Established: 1974
Number of Employees: 50

DATRICON CORP.

200 Daticon Plaza
 155 B Ave.
 Lake Oswego, OR 97034
 (503) 636-7671

Major Markets: Computer and Peripheral Manufacturing; OEM (Computer Systems)

Target Industries: Manufacturing

Target Applications: Process Control

Contacts:

Head of Marketing: Rob Schram
 Head of Engineering: David Baasch
Geographic Coverage: International
Year Established: 1979
Number of Employees: 40

DATUM, INC.

1363 State College Blvd.
 Anaheim, CA 92806
 (714) 533-6330

Major Markets: Component and Peripheral Manufacturing; OEM (Peripherals/Terminals); Systems House (Commercial OEM)

Net Sales: \$5 Million — \$25 Million (1981)

Contacts:

Head of Marketing: William Baldwin
 Head of Engineering: Clyde E. Cole
Geographic Coverage: International
Year Established: 1969
Number of Employees: 210

DAVONG SYSTEMS, INC.

217 Homboldt Cot Drive
 Sunnyvale, CA 94089
 (408) 734-4900

Major Markets: Peripheral Manufacturing

Contacts:

Head of Marketing: R. L. Newsome
 Head of Sales: Valeri Soares
 Head of Software: Tim Lundeen
 Head of Engineering: R. Apt
Geographic Coverage: International
Year Established: 1981
Number of Employees: 150

DECISION DATA COMPUTER CORP.

100 Witmer Road
 Horsham, PA 19044
 (800) 523-5357

Major Markets: Peripheral Manufacturing; Maintenance/Other Services

Target Industries: IBM Replacement
Net Sales: \$25 Million — \$100 Million (1982)

Contacts:

Head of Marketing: Michael Brody
Geographic Coverage: International
Year Established: 1969
Number of Employees: 1,600

DELTA DATA SYSTEMS CORP.

2595 Metropolitan Drive
 Trevose, PA 19047
 (215) 322-5400

Major Markets: Computer, Terminal and Office Equipment Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM); Dealer/Distributor;

Maintenance/Other Services

Target Industries: Banking; Health care; Printing & Publishing; Service bureaus

Target Applications: OA; Data Entry

Net Sales: \$25 Million — \$100 Million (1982)

Contacts:

Head of Sales: John McBride
 Head of Software: Steve Miller
 Head of Engineering: Stan Peery
 Head of Customer Service: Stanley Forman

Geographic Coverage: International

Year Established: 1968

Number of Employees: 300

DELTA SYSTEMS, INC.

6060 W. 91st Ave.
 Westminster, CO 80030
 (303) 430-0857

Major Markets: Systems House (Commercial OEM)

Net Sales: \$1 Million — \$5 Million (1981)

Geographic Coverage: National

Year Established: 1978

Number of Employees: 11

DENELCOR, INC.

17000 E. Ohio Place
 Aurora, CO 80017
 (303) 337-7900

Major Markets: Computer Manufacturing

Contacts:

Head of Marketing: J. Phillip Carley
 Head of Sales: Russell Saunders
 Head of Software: John Lennox
 Head of Engineering: Richard Woerner

Geographic Coverage: International

Year Established: 1960

DENNISON MANUFACTURING CO., INC.

300 Howard St.
 Framingham, MA 01701

(617) 879-0511

Major Markets: Component and Peripheral Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals); Software House; Systems House (Commercial OEM); Maintenance/Other Services

Target Industries: Industrial; Commercial

Net Sales: More than \$100 Million (1982)

Contacts:

Head of Marketing: Paul N. Kraus
 Head of Sales: Cless Constine
 Head of Engineering: Henry R. Lewis
Geographic Coverage: International
Year Established: 1847

DENTRONIX SYSTEMS, INC.

2635 Crodgy Way
 Santa Ana, CA 92704
 (714) 966-0015

Major Markets: Terminal Manufacturing

Contacts:

Head of Marketing: Vaughn Densley
Geographic Coverage: International
Year Established: 1977
Number of Employees: 50

D.G.M. CORP.

7671 Central Ave. N.E.
 Minneapolis, MN 55432
 (612) 784-7499

Major Markets: Component Manufacturing; OEM (Computer Systems); Software House; Maintenance/Other Services

Target Industries: Retail; Hotel; Large Mass Merchant; Small Business

Net Sales: \$100,000 — \$500,000 (1982)

Geographic Coverage: International

Year Established: 1977

Number of Employees: 6

DIABLO SYSTEMS, INC.

901 Page Road
 P.O. Box 5030
 Fremont, CA 94538
 (415) 786-5000

Major Markets: Peripheral Manufacturing; Miscellaneous Computer Supplies

Contacts:

Head of Marketing: Paul Shapiro
Geographic Coverage: International
Year Established: 1970
Number of Employees: 1,670

DI/AN CONTROLS, INC.

944 Dorchester Ave.
 Boston, MA 02125
 (617) 288-7700

Major Markets: Terminal Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)

Target Industries: Transportation; Finance; Entertainment; Medical

Net Sales: \$1 Million — \$5 Million (1982)

Contacts:

Head of Marketing: Robert Blaha
 Head of Sales: C. S. Aspinwall Jr.
Geographic Coverage: International
Year Established: 1958
Number of Employees: 100

DICOM INDUSTRIES

715 N. Pastoria
 Sunnyvale, CA 94086
 (408) 732-1060

Major Markets: Peripheral

Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals); Systems House (Commercial OEM)

Net Sales: \$1 Million — \$5 Million (1981)

Geographic Coverage: International
Year Established: 1969
Number of Employees: 20

DICTAPHONE CORP.

120 Old Post Road
 Rye, NY 10580
 (914) 967-7300

Major Markets: Terminal, Peripheral and Office Equipment Manufacturing; OEM (Peripherals/Terminals)

Target Industries: Medical; Insurance; Banking; Legal

Target Applications: Dictation Equipment; WP

Contacts:

Head of Marketing: Vernon C. Jobson Jr.
 Head of Sales: John G. Lindroth
 Head of Engineering: Dr. Richard Wesson

Geographic Coverage: International
Year Established: 1920
Number of Employees: 2,500

DIGICOMP RESEARCH CORP.

Terrace Hill
 Ithaca, NY 14850
 (607) 273-5900

Major Markets: Computer Manufacturing

Target Industries: Government; Military

Net Sales: \$500,000 — \$1 Million (1981)

Contacts:

Head of Marketing/Sales: Jeff Cox
 Head of Software: Jim Elkins
Geographic Coverage: National
Year Established: 1975
Number of Employees: 25

DIGI-DATA CORP.

8580 Dorsey Run Road
 Jessup, MD 20794
 (301) 498-0200

Major Markets: Peripheral Manufacturing

Target Industries: OEM

Contacts:

Head of Marketing: Allen R. Grams
Year Established: 1962
Number of Employees: 80

DIGI-DYNE CORP.

4901 Morina Blvd.
 Building 600
 San Diego, CA 92117
 (619) 483-0364

Major Markets: Component and Computer Manufacturing; OEM (Peripherals/Terminals)

Contacts:

Head of Marketing: Bill Job
Geographic Coverage: International
Year Established: 1977
Number of Employees: 68

DIGITAL ASSOCIATES CORP.

1039 E. Main St.
 Stamford, CT 06902
 (203) 327-9210

Major Markets: Component and Communications Equipment

Manufacturing: OEM (Peripherals/Terminals); Maintenance/Other Services

Vendors

Target Industries: Minicomputer Integrators; Banking; Education
Net Sales: \$5 Million — \$25 Million (1981)

Contacts:
Head of Marketing: Robert Grenier
Head of Sales: Simon Harvey
Head of Software: Charles Teets
Head of Engineering: Robert Ricca
Geographic Coverage: National
Year Established: 1971
Number of Employees: 50

DIGITAL DATA SYSTEMS, INC.
1551 N.W. 65th Ave.
Plantation, FL 33313
(305) 792-3290
Major Markets: Dealer/Distributor; Maintenance/Other Services
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Alfred Gomez
Geographic Coverage: International
Year Established: 1976
Number of Employees: 12

DIGITAL DEVELOPMENT

DDP, INC.
P.O. Box 23447
San Diego, CA 92123
(619) 278-9920
Major Markets: Peripheral Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Charles Theodore
Head of Engineering: Norman Buton
Geographic Coverage: International
Year Established: 1959
Number of Employees: 500

DIGITAL EQUIPMENT CORP.

146 Main St.
Maynard, MA 01754
(617) 897-5111
Major Markets: Component, Computer, Terminal, Peripheral and Communications Equipment
Manufacturing: Software House; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Net Sales: More than \$100 Million (1981)
Geographic Coverage: International
Year Established: 1957
Number of Employees: 71,000

DIGITAL INTERFACE SYSTEMS, INC.

2390 Pipestone Road
P.O. Box 1408
Benton Harbor, MI 49022
(616) 926-2148
Major Markets: OEM (Computer Systems); Software House
Target Industries: Manufacturing; Telecommunications
Target Applications: PBS Report Generation; Process Control; Testing Systems
Contacts:
Head of Marketing: Mahesh K. Seth
Geographic Coverage: Regional
Year Established: 1977
Number of Employees: 30

DIGITAL LABORATORIES, INC.
600 Pleasant St.
Watertown, MA 02172

(617) 924-1680
Major Markets: Peripheral Manufacturing; Maintenance/Other Services
Net Sales: \$500,000 — \$1 Million (1981)

Contacts:
Head of Marketing/Software: W. Kahn
Head of Sales: L. Call
Head of Engineering: D. Stone
Head of Customer Service: P. Krawitz
Year Established: 1971
Number of Employees: 10

DIGITEC CORP.
918 Woodley Road
Dayton, OH 45403
(513) 254-6251
Major Markets: Peripheral Manufacturing
Target Industries: Industrial
Target Applications: Control; Monitoring
Contacts:
Head of Sales: Peter Neulist
Head of Software: Paul Kemble
Head of Customer Service: Chris Fraga
Geographic Coverage: International
Year Established: 1958
Number of Employees: 125

DIGITUS CORP.
22 W. 25th St.
Baltimore, MD 21218
(301) 467-3223
Major Markets: Terminal Manufacturing; OEM (Peripherals/Terminals); Software House; Systems House (Commercial OEM)
Target Industries: Medical; Military; Manufacturing
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Software/Engineering: Kwok Li
Geographic Coverage: Virginia, Maryland and DC Area
Year Established: 1978
Number of Employees: 15

DILOG
12800 Garden Grove Blvd.
Garden Grove, CA 92643
(714) 534-8950
Major Markets: Component Manufacturing; Maintenance/Other Services
Target Industries: Manufacturing; OEM/System Integrators
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
Head of Marketing/Sales: Dan Sullivan
Head of Engineering: Dale Gradvig
Geographic Coverage: International
Year Established: 1978
Number of Employees: 72

DIRECT, INC.
4201 Burton Drive
Santa Clara, CA 95054
(408) 980-1414
Major Markets: Computer and Terminal Manufacturing
Target Industries: Retail
Contacts:
Head of Marketing: Steve Avutire
Geographic Coverage: International
Year Established: 1978
Number of Employees: 150

DISC TECH ONE, INC.
849 Ward Drive
Santa Barbara, CA 93111
(805) 964-3535
Major Markets: Peripheral Manufacturing
Geographic Coverage: International
Year Established: 1982
Number of Employees: 35

DISCOTRON, INC.
1701 McCarthy Blvd.
Milpitas, CA 95035
(408) 946-6692
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: David Calwell
Head of Sales: Evert Babre
Head of Software: Andy Nester
Geographic Coverage: International
Year Established: 1980
Number of Employees: 200

DISK MEMORY TECHNOLOGY, INC.
155 B Ave.
Lake Oswego, OR 97034
(503) 287-1475
Major Markets: Peripheral Manufacturing
Target Applications: Industrial Automobile

Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
Head of Marketing/Engineering: Pat Foley
Geographic Coverage: National
Year Established: 1976
Number of Employees: 20

DISPLAY DATA CORP.
Executive Plaza IV
Hunt Valley, MD 21031
(800) 638-1100
Major Markets: Computer Manufacturing; Maintenance/Other Services
Target Industries: Automobile; Trucking; Agriculture; Soft Drink
Target Applications: Accounting; Inventory; Route Distribution; Vending Machine Control
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
Head of Sales: Jack Person
Head of Engineering: David Sykes
Head of Customer Service: Richard Songer
Geographic Coverage: National
Year Established: 1973
Number of Employees: 500

DISPLAYS UNLIMITED
4361 S. 89th St.
Omaha, NE 68127
(402) 339-0165
Major Markets: Component Manufacturing; Software House
Target Industries: Manufacturing
Target Applications: Industrial Displays
Contacts:
Head of Marketing: Robert Thomas
Geographic Coverage: National
Year Established: 1980
Number of Employees: 5

DISTRIBUTED LOGIC CORP.
12800-G Garden Grove Blvd.
Garden Grove, CA 92643
(714) 534-8950
Major Markets: Component

Manufacturing; Dealer/Distributor
Contacts:
Head of Marketing: Steven Arnaudoff
Geographic Coverage: International
Year Established: 1978
Number of Employees: 60

DMA SYSTEMS CORP.
601 Pine Ave.
Goleta, CA 93117
(805) 683-3811
Major Markets: Peripheral Manufacturing
Geographic Coverage: International
Year Established: 1981
Number of Employees: 160

D & N MICRO PRODUCTS, INC.
3702 N. Wells St.
Fort Wayne, IN 46808
(219) 485-6414
Major Markets: Component and Computer Manufacturing; OEM (Computer Systems); Software House; Dealer/Distributor; Maintenance/Other Services
Target Industries: Manufacturing; Professional
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
Head of Sales: Jim Koker
Geographic Coverage: International
Year Established: 1978
Number of Employees: 10

DOCUMENTATION
150 Wickham Road
P.O. Box 1240
Melbourne, FL 32901
(305) 724-1111
Major Markets: Peripheral Manufacturing
Contacts:
Head of Engineering: D. Swatik
Geographic Coverage: International
Year Established: 1971
Number of Employees: 1,400

DOCUTEL/OLIVETTI CORP.
Office Products Division
155 White Plains Road
Tarrytown, NY 10591
(914) 631-8100
Major Markets: Computer, Terminal, Peripheral and Communications Equipment Manufacturing
Target Industries: General Business
Target Applications: OA; General Accounting
Contacts:
Head of Marketing: Arthur Oppenberg
Geographic Coverage: International
Year Established: 1955

DP-TEK, INC.
245 N. Hydrowic
Wichita, KS 67214
(316) 269-3068
Major Markets: OEM (Peripherals/Terminals); Software House; Systems House (Commercial OEM)
Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
Head of Marketing: Allen Frazier
Geographic Coverage: International
Year Established: 1980
Number of Employees: 5

DRIVETEC, INC.
2140 Bering Drive
San Jose, CA 95131
(408) 942-1515

Vendors

Major Markets: Peripheral Manufacturing
Target Industries: OEM
Target Applications: Small Business Systems
Contacts:
 Head of Marketing: Ivo Adams
Geographic Coverage: International
Year Established: 1982
Number of Employees: 42

DUAL SYSTEMS CORP.
 2530 San Pablo
 Berkeley, CA 94702
 (415) 549-3890
Major Markets: Computer Manufacturing, OEM (Computer Systems), OEM (Peripherals/Terminals)
Target Industries: Education; OEM
Target Applications: Software Development
Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
 Head of Sales: Peter DeVries
Geographic Coverage: National
Year Established: 1979
Number of Employees: 30

BYLON CORP.
 9561 Ridgehaven Court
 San Diego, CA 92123
 (714) 292-5584
Major Markets: OEM (Computer Systems), OEM (Peripherals/Terminals)
Target Industries: Engineering
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: International
Year Established: 1976
Number of Employees: 25

DYNABYTE
 521 Cottonwood Drive
 Milpitas, CA 95035
 (408) 263-1221
Major Markets: Computer Manufacturing, Systems House (Commercial OEM)
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Jerry Keeran
 Head of Software: John Borders
 Head of Engineering: Ed Fauve
Geographic Coverage: International
Year Established: 1977
Number of Employees: 100

EATON PRINTER PRODUCTS
 Technical Research Park
 Riverton, WY 82501
 (307) 856-4821
Major Markets: OEM (Peripherals/Terminals)
Target Industries: Communications; Banking
Contacts:
 Head of Marketing: Roger Rayburn
 Head of Engineering: Jerry Spiering
Geographic Coverage: International
Year Established: 1971
Number of Employees: 150

ECS MICROSYSTEMS, INC.
 215 Devon Drive
 San Jose, CA 95112
 (408) 286-4200
Major Markets: Computer Manufacturing, OEM (Computer Systems), Systems House (Commercial OEM), Dealer/Distributor

Target Industries: DP
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing: Larry Holwade
 Head of Engineering: Jon Garman
Geographic Coverage: International
Year Established: 1979
Number of Employees: 80

EDGE TECHNOLOGY
 2735 S.E. Raymond
 Portland, OR 97202
 (503) 231-1057
Major Markets: Peripheral and Communications Equipment Manufacturing
Target Industries: Communications, OA
Target Applications: Credit Reporting
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: International
Year Established: 1977
Number of Employees: 15

EIKONIX CORP.
 23 Crosby Drive
 Bedford, MA 01730
 (617) 275-5070
Major Markets: Peripheral Manufacturing, Software House; Maintenance/Other Services
Target Industries: Education; Government; Fuel and Oil; Scientific
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Brian Chapman
 Head of Sales: Thomas Billotta
 Head of Software: Peter Tracy
 Head of Engineering: Craig Wood
Geographic Coverage: National
Year Established: 1968
Number of Employees: 75

ELECTRO-DESIGN, INC.
 680 B. Rancheros Drive
 San Marcos, CA 92069
 (714) 471-0680
Major Markets: Peripheral Manufacturing, OEM (Peripherals/Terminals)
Net Sales: \$100,000 — \$500,000 (1982)
Contacts:
 Head of Engineering: John Foster
Geographic Coverage: National
Year Established: 1962
Number of Employees: 10

ELECTRONIC PROCESSORS, INC.
 1265 W. Dartmouth Ave.
 Englewood, CO 80110
 (303) 761-8540
Major Markets: Peripheral Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Robert Derschang
Geographic Coverage: International
Year Established: 1971
Number of Employees: 80

ELITE CORP.
 906 N. Main St.
 Wichita, KS 67203
 (316) 265-0959
Major Markets: Computer Manufacturing
Target Industries: High Technology

Target Applications: Robotics; Listing
Geographic Coverage: International
Year Established: 1982
Number of Employees: 10

ELOGRAPHICS, INC.
 1976 Oak Ridge Tnpk.
 Oak Ridge, TN 37830
 (615) 482-4038
Major Markets: Peripheral Manufacturing
Target Industries: Manufacturing; Military; Retail
Target Applications: Video Catalogs
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Robert Highfill
 Head of Software: John E. Talmage
Geographic Coverage: International
Year Established: 1971
Number of Employees: 50

EMM/SESCO
 20630 Plummer St.
 Chatsworth, CA 91311
 (213) 999-9090
Major Markets: Computer and Peripheral Manufacturing
Target Industries: Military
Contacts:
 Head of Marketing: Russel Summers
 Head of Sales: John O'Donohue
Geographic Coverage: International
Year Established: 1961
Number of Employees: 2,000

EMULEX CORP.
 3545 Harbor Blvd.
 P.O. Box 6725
 Costa Mesa, CA 92626
 (714) 662-5600
Major Markets: Peripheral and Communications Equipment Manufacturing
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing: Sol Zechter
 Head of Sales: Philip G. Begich
 Head of Engineering: Bob Snyder
Geographic Coverage: International
Year Established: 1978
Number of Employees: 400

ENTER COMPUTER, INC.
 Suite D
 6867 Nancy Ridge Drive
 San Diego, CA 92121
 (619) 450-0601
Major Markets: Computer and Peripheral Manufacturing; Software House
Contacts:
 Head of Marketing: Robert Sherwood
 Head of Engineering: Richard Murray
Geographic Coverage: International
Year Established: 1981
Number of Employees: 55

ENVISION TECHNOLOGY, INC.
 631 River Oaks Pkwy.
 San Jose, CA 95134
 (408) 946-9755
Major Markets: Terminal and Peripheral Manufacturing
Target Industries: OEM
Target Applications: Graphics
Contacts:
 Head of Marketing: William Elmore
 Head of Sales: Jeff Lenches

Geographic Coverage: National
Year Established: 1981
Number of Employees: 85

EPIC COMPUTER PRODUCTS, INC.
 18381 Bandler Circle
 Fountain Valley, CA 92708
 (714) 964-4722
Major Markets: Computer and Terminal Manufacturing; Software House
Target Industries: Manufacturing; Distribution
Net Sales: \$5 Million — \$25 Million (1982)
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20

EPSCO, INC.
 411 Providence Highway
 Westwood, MA 02090
 (617) 329-1500
Major Markets: Peripheral Manufacturing
Target Industries: Marine Electronics
Net Sales: \$5 Million — \$25 Million (1981)
Geographic Coverage: International
Year Established: 1959
Number of Employees: 200

EPSON AMERICA, INC.
 3415 Kashiwa St.
 Torrance, CA 90505
 (213) 539-9140
Major Markets: Component, Computer and Peripheral Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)
Geographic Coverage: International
Year Established: 1978

ESPRIT SYSTEMS, INC.
 Hazeltine Terminals Division
 100 Marcus Drive
 Melville, NY 11747
 (516) 293-5600
Major Markets: Terminal Manufacturing; Maintenance/Other Services
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Customer Service: Howell Schorr
Geographic Coverage: International
Year Established: 1924
Number of Employees: 2,700

ESSEX ENGINEERING CO.
 Essex Industrial Park
 Essex, CT 06426
 (203) 767-8221
Major Markets: Component, Computer and Terminal Manufacturing
Target Industries: Government; Hospital; Food Processing; Industrial
Target Applications: Data Acquisition
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Bruce Joslyn
Geographic Coverage: Regional
Year Established: 1962
Number of Employees: 85

ETI MICRO, INC.
 6918 Sierra Court
 Dublin, CA 94568

Vendors

(415) 829-6600

Major Markets: Computer Manufacturing; Software House; Dealer/Distributor
Target Industries: Pipeline Transportation; Telemetry; Industrial I/O Processing; Multibus
Target Applications: Data Acquisition; Process Control
Net Sales: \$1 Million — \$5 Million (1981)

Contacts:
Head of Marketing: Jesse O. Hussman
Head of Engineering: Gary Tebbett
Geographic Coverage: National
Year Established: 1979
Number of Employees: 14

ETR STAR SYSTEMS

1316 N. Avalon Blvd.
Wilmington, CA 91744
(213) 835-2421

Major Markets: Computer Manufacturing; Software House; Systems House (Commercial OEM); Maintenance/Other Services

Contacts:
Head of Marketing: Tom Wirth
Geographic Coverage: National
Year Established: 1971
Number of Employees: 25

EVENTIDE, INC.

265 W. 54th St.
New York, NY 10019
(212) 581-9290

Major Markets: Peripheral Manufacturing; OEM (Computer Systems); Software House
Target Industries: Broadcasting
Target Applications: Signal Processing; Video Compression
Geographic Coverage: International
Year Established: 1971

EVOTEC CORP.

1220 Page Ave.
Fremont, CA 94538
(415) 490-3100

Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: James Lawson
Head of Engineering: Burton Sisco
Geographic Coverage: International
Year Established: 1981
Number of Employees: 270

EX-CELL-O, INC./REMX

1733 Alton
P.O. Box C-19533
Irvine, CA 92714
(714) 557-6860

Major Markets: OEM (Peripherals/Terminals); Systems House (Commercial OEM)
Target Industries: Electronic
Contacts:
Head of Marketing: Woody Floyd
Geographic Coverage: International
Year Established: 1959
Number of Employees: 300

EXTEL CORP.

4000 Commercial Ave.
Northbrook, IL 60062
(312) 291-2500

Major Markets: Terminal Manufacturing
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
Head of Marketing: Ashok Roa
Geographic Coverage: International

Year Established: 1964
Number of Employees: 1,000

EXXON ENTERPRISES

Exxon Office Systems Co.
777 Long Ridge Road
Stamford, CT 06902
(203) 329-5000

Major Markets: Peripheral and Office Equipment Manufacturing
Target Applications: OA
Contacts:
Head of Marketing: Douglas V. Brunson
Geographic Coverage: International
Year Established: 1981
Number of Employees: 3,000

FACIT, INC.

Facit/Dataroyal
235 Main Dunstable Road
Nashua, NH 03061
(603) 883-4157

Major Markets: Peripheral Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: O. Bjearmann
Head of Sales: Eric Binder
Head of Engineering: Paul Ramsden
Geographic Coverage: International
Year Established: 1968
Number of Employees: 300

FALCO DATA PRODUCTS, INC.

1286 Lawrence Station Road
Sunnyvale, CA 94089
(408) 745-7123

Major Markets: Terminal Manufacturing
Contacts:
Head of Marketing: Don Naples
Head of Engineering: Kachun Lee
Head of Customer Service: Lee Falco Jr.
Geographic Coverage: International
Year Established: 1980
Number of Employees: 65

FLORIDA DATA CORP.

600 D. John Rhodes Blvd.
Melbourne, FL 32935
(305) 259-4700

Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: B. Winkelspecht
Geographic Coverage: International
Year Established: 1973
Number of Employees: 135

FOURTH DIMENSION SYSTEMS

Suites A and B
1101 S. Grand Ave.
Santa Ana, CA 92705
(714) 835-6202

Major Markets: Peripheral Manufacturing
Target Industries: Retail; Distribution
Contacts:
Head of Sales: Connie Berlet
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20

FRANCHISE MAILING SYSTEMS

3420 W. Capitol Drive
Milwaukee, WI 53216
(414) 444-9980

Major Markets: Computer Manufacturing; OEM (Computer

Systems); Data Services (Service Bureau); Dealer/Distributor
Target Industries: Bank; Retail
Contacts:
Head of Marketing: Mark Resh
Head of Sales: Glenn Bucolt
Geographic Coverage: International
Year Established: 1952
Number of Employees: 65

FRANKLIN COMPUTER CORP.

2128 Rt. 38
Cherry Hill, NJ 08002
(609) 482-5900

Major Markets: Component, Computer and Peripheral Manufacturing
Geographic Coverage: International
Year Established: 1981
Number of Employees: 500

FUJITSU AMERICA, INC.

2945 Oakmead Village Court
Santa Clara, CA 95051
(408) 727-4300

Major Markets: Terminal, Peripheral, Communications Equipment and Office Equipment Manufacturing; Dealer/Distributor
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Software: Fred Bihler
Head of Engineering: Ken Katashiba
Geographic Coverage: International
Year Established: 1976
Number of Employees: 300

GAW CONTROL CORP.

TDX Peripherals Division
148 New York Ave.
Halesite, NY 11743
(516) 423-3232

Major Markets: Component and Peripheral Manufacturing; Dealer/Distributor
Target Industries: Communications
Target Applications: Data Logging, Library and Interfacing; Disk Backup
Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
Head of Marketing/Sales: George A. Wulffing
Head of Engineering: Michael Chang
Geographic Coverage: International
Year Established: 1979
Number of Employees: 4

GEN/COMP, INC.

6 Algonquin Road
Canton, MA 02021
(617) 828-2008

Major Markets: Component Manufacturing
Target Industries: OEM
Contacts:
Head of Marketing/Sales: Gerald Nutter
Geographic Coverage: International
Year Established: 1976

GENERAL BUSINESS TECHNOLOGY, INC.

2630 Walnut Ave.
Tustin, CA 92680
(714) 731-2346

Major Markets: Terminal and Peripheral Manufacturing; OEM (Peripherals/Terminals); Maintenance/Other Services
Target Applications: WP, Terminal Printing, High-Speed Printing
Net Sales: \$1 Million — \$5 Million (1981)

Contacts:
Head of Marketing: William A. Wells
Head of Engineering: Robert L. Granda
Geographic Coverage: International
Year Established: 1980
Number of Employees: 25

GENERAL DIGITAL CORP.

700 Burnside Ave.
E. Hartford, CT 06108
(203) 528-9041

Major Markets: Component and Terminal Manufacturing; OEM (Computer Systems)
Target Industries: Manufacturing; Medical; Education; Government
Target Applications: Multibus
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing: Stuart Hoffer
Geographic Coverage: International
Year Established: 1973
Number of Employees: 30

GENERAL DIGITAL INDUSTRIES, INC.

7702 Governors Drive
Huntsville, AL 35805
(205) 837-8305

Major Markets: Component, Computer and Terminal Manufacturing; OEM (Computer Systems); Software House; Systems House (Commercial OEM)
Target Industries: Manufacturing; System House; Software Development Firms; OEM
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing: Lyle Needham
Geographic Coverage: National
Year Established: 1978
Number of Employees: 40

GENERAL ELECTRIC CO.

Data Communications Product Division
General Electric Drive
Waynesboro, VA 22980
(703) 949-1170

Major Markets: Terminal and Peripheral Manufacturing
Target Industries: OEM; Minicomputer Manufacturing; Timesharing; Micro Processors
Target Applications: CAD/CAM; Bar Code; OCR
Contacts:
Head of Marketing: Harvey Labban
Head of Sales: Robert O'Flaherty
Geographic Coverage: North America, Western Europe
Year Established: 1969
Number of Employees: 1,500

GENERAL OPTONICS CORP.

3005 Hadley Road
S. Plainfield, NJ 07080
(201) 753-6700

Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals)
Contacts:
Head of Marketing: Peter Hankin
Geographic Coverage: International
Year Established: 1977
Number of Employees: 50

GENERAL ROBOTICS CORP.

57 N. Main St.
Hartford, WI 53027
(414) 673-6800

Vendors

Major Markets: Component and Computer Manufacturing
Target Industries: OEM; System House
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Sales: Donald Woelz
 Head of Engineering: Barbara Pick
 Head of Customer Service: Glenn Rodgers
Geographic Coverage: International
Year Established: 1974
Number of Employees: 50

GENERAL TERMINAL CORP.
 14831 Franklin St.
 Tustin, CA 92680
 (714) 730-0123
Major Markets: Terminal Manufacturing
Target Industries: OEM; Distributors; End Users
Contacts:
 Head of Marketing: Diane Belk Ford
Geographic Coverage: International
Year Established: 1970
Number of Employees: 45

GENIE COMPUTER CORP.
 Suite 607
 31131 Via Colinas
 Westlake Village, CA 91362
 (213) 981-6210
Major Markets: Peripheral Manufacturing
Target Industries: Dealers
Contacts:
 Head of Marketing: Marvin Raizer
Geographic Coverage: International
Year Established: 1981
Number of Employees: 10

GENISCO COMPUTERS CORP.
 3545 Cadillac Ave.
 Costa Mesa, CA 92626
 (714) 556-4916
Major Markets: Terminal Manufacturing; Software House
Target Industries: Scientific; Engineering; Manufacturing
Target Applications: CAD/CAM
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing: Hank Stover
Geographic Coverage: International
Year Established: 1973
Number of Employees: 150

GERBER CAMSCO, INC.
 1200 N. Bowser Road
 Richardson, TX 75080
 (214) 238-7211
Major Markets: OEM (Computer Systems); Systems House (Commercial OEM)
Target Industries: Apparel; Footwear; Automobile; Airline
Contacts:
 Head of Marketing: John Phipps
 Head of Sales: Ray Wheeler
Geographic Coverage: International
Year Established: 1971
Number of Employees: 350

GERBER SCIENTIFIC INSTRUMENT CO.
 83 Gerber Road
 S. Windsor, CT 06074
 (203) 644-1551
Major Markets: Terminal and Peripheral Manufacturing; OEM (Computer Systems); Maintenance/Other Services

Target Industries: Engineering; Manufacturing; Printing
Target Applications: CAD
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Marketing: David Ryan
 Head of Engineering: Robert Pavonne
Geographic Coverage: International
Year Established: 1948
Number of Employees: 650

GIDDINGS & LEWIS, INC.
 Electronics Division
 666 S. Military Road
 Fond du Lac, WI 54935
 (414) 921-9400
Major Markets: Component Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)
Target Industries: Manufacturing
Target Applications: Positioning; Motion Control
Contacts:
 Head of Marketing/Sales: Tom Bullock
 Head of Engineering: Bruce Beadle
 Head of Customer Service: John Boyle
Geographic Coverage: International
Year Established: 1960
Number of Employees: 250

GRAFTEK, INC.
 1777 Conestoga
 Boulder, CO 80301
 (303) 449-1138
Major Markets: Terminal Manufacturing; OEM (Computer Systems); Software House
Target Industries: Plastics; Capital Goods; Machinery; Numerical Control
Target Applications: CAD/CAM; Graphics; Mechanical Design
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
 Head of Software: Don Miller
Geographic Coverage: International
Year Established: 1980
Number of Employees: 100

GRECO SYSTEMS
 10020 Prospect Ave.
 Santee, CA 92071
 (619) 449-5775
Major Markets: Component and Peripheral Manufacturing; Software House; Maintenance/Other Services
Target Applications: Numerical Control
Contacts:
 Head of Marketing/Sales: Larry Haynes
 Head of Engineering: Thomas Rodstrom
Geographic Coverage: National
Year Established: 1977
Number of Employees: 11

GTCC CORP.
 1055 First St.
 Rockville, MD 20850
 (301) 279-9550
Major Markets: Peripheral Manufacturing
Target Industries: OEM
Target Applications: Graphics
Contacts:
 Head of Sales: George Helsler
Geographic Coverage: International
Year Established: 1975

GTECH CORP.
 101 Dyer St.
 Providence, RI 02903
 (401) 273-7700
Major Markets: Terminal and Communications Equipment Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals); Maintenance/Other Services
Target Industries: Public Gaming
Contacts:
 Head of Marketing: Bill Morrissey
 Head of Sales: George Murray
 Head of Engineering: William Metzger
Geographic Coverage: International
Year Established: 1981
Number of Employees: 250

HARRIS CORP.
 Computer Systems Division
 2101 W. Cypress Creek Road
 Ft. Lauderdale, FL 33310
 (305) 974-1700
Major Markets: Computer and Peripheral Manufacturing; OEM (Computer Systems); Software House; Systems House (Commercial OEM); Data Services (Service Bureau); Maintenance/Other Services
Target Industries: Scientific; Engineering; Education; Military
Target Applications: Simulation; CAD/CAM; Data Acquisition; Administration
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Sales: J. Oromano
 Head of Software: Joe Payne
Geographic Coverage: International
Year Established: 1967
Number of Employees: 1,000

HARRIS CORP.
 Information Systems Division
 1025 W. Nasa Blvd.
 Melbourne, FL 32919
 (305) 727-9100
Major Markets: Component, Computer, Terminal, Peripheral, Special Systems, Office Equipment and Communications Equipment Manufacturing; Software House; OEM (Computer Systems); OEM (Peripherals/Terminals); Maintenance/Other Services
Target Industries: Manufacturing; Scientific; Government; Education
Target Applications: General Business; Scientific; Control; Engineering
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Marketing: Lloyd G. Butler
 Head of Engineering: Jack C. Davis
Geographic Coverage: International
Year Established: 1955
Number of Employees: 27,000

HARVEY HUBBEL, INC.
 Pulsecorn
 2900 Towerview Road
 Herndon, VA 22071
 (703) 471-2900
Major Markets: Component Manufacturing; OEM (Computer Systems); Software House; Dealer/Distributor
Target Industries: OEM
Net Sales: \$5 Million — \$25 Million (1982)

Contacts:
 Head of Sales: Mike Vanocur
 Head of Customer Service: Kevin Medlyn
Geographic Coverage: International
Year Established: 1964
Number of Employees: 325

HASTECH, INC.
 670 N. Commercial St.
 Manchester, NH 03101
 (603) 669-9050
Major Markets: Terminal Manufacturing; OEM (Computer Systems)
Target Industries: Publishing; Newspaper
Target Applications: Text Editing; Page Layout
Contacts:
 Head of Software: George Sylvester
 Head of Engineering: James Stenze
Geographic Coverage: International
Year Established: 1980
Number of Employees: 260

HEATH CO.
 Benton Harbor, MI 49022
 (616) 982-3200
Major Markets: Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems); Software House; Dealer/Distributor
Target Industries: Small Business; Education; Personal Computers
Net Sales: More than \$100 Million (1982)
Contacts:
 Head of Marketing: David Altewies
Geographic Coverage: International
Year Established: 1930
Number of Employees: 1,500

HETRA COMPUTER & COMMUNICATIONS INDUSTRIES, INC.
 P.O. Box 970
 Melbourne, FL 32901
 (305) 724-1574
Major Markets: Computer, Terminal, Peripheral and Communications Equipment Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM); Maintenance/Other Services
Target Industries: Government; Military; Business
Target Applications: Remote Job Entry
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Sales: Keith Milligan
 Head of Customer Service: Robert Byers
Geographic Coverage: International
Year Established: 1968
Number of Employees: 100

HEURIKON CORP.
 3001 Lathari Drive
 Madison, WI 53713
 (608) 271-8700
Major Markets: Component, Computer and Communications Equipment Manufacturing; OEM (Computer Systems)
Target Industries: Communications
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Engineering: Jeffrey Mattox
Geographic Coverage: National
Year Established: 1972
Number of Employees: 30

Vendors

HEWLETT-PACKARD CO.

Corporate Headquarters
3000 Hanover St.
P.O. Box 10301
Palo Alto, CA 94304
(415) 857-1501
Major Markets: Component, Computer, Terminal, Peripheral and Office Equipment Manufacturing; Software House; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Engineering; Manufacturing
Target Applications: QA; CAD/CAM
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Marketing: Al Oliverio
Head of Sales: Jim Arthur
Head of Software: Andre Schwager
Geographic Coverage: International
Year Established: 1939
Number of Employees: 67,000

HI-DAVIS CONTROL CORP.

580 Spring St.
Windsor Locks, CT 06096
(203) 623-2481
Major Markets: OEM (Computer Systems); Software House; Systems House (Commercial OEM)
Target Industries: Transportation; Retail; Manufacturing
Target Applications: Cash Forwarding; Process Control; Financial Control; POS
Contacts:
Head of Marketing/Sales: Steven Friedman
Head of Software/Engineering: Dr. Gordon Mirns
Geographic Coverage: National
Year Established: 1981

HITACHI AMERICA, LTD.

Machine Tool Division
449 Alaska Ave.
Torrance, CA 90503
(714) 533-0888
Major Markets: Dealer/Distributor
Target Industries: OEM
Target Applications: Mapping
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing: Jack MacDonald
Geographic Coverage: International
Year Established: 1978
Number of Employees: 35

HMW ENTERPRISES, INC.

604 Salem Road
Etters, PA 17319
(717) 938-4691
Major Markets: Terminal Manufacturing; Dealer/Distributor
Contacts:
Head of Marketing: Jack Adair
Geographic Coverage: International
Year Established: 1965
Number of Employees: 30

HONEYWELL, INC.

Information Systems Division
Honeywell Plaza
Minneapolis, MN 55408
(612) 870-5200
Major Markets: Computer, Terminal, Peripheral, Communications
Equipment and Office Equipment Manufacturing; OEM (Computer Systems); OEM (Peripherals)

Terminals); Software House; Data Services (Service Bureau); Dealer/Distributor; Maintenance/Other Services; Special Hardware
Target Industries: Manufacturing/Distribution; Government; Education; Airline
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing: Richard R. Douglas
Geographic Coverage: International
Year Established: 1955
Number of Employees: 25,000

HOUDAILLE INDUSTRIES

Strippit Houdaille
12975 Clarence Center Road
Akron, NY 14001
(716) 542-4511
Major Markets: Component Manufacturing
Contacts:
Head of Marketing: Brian W. Young
Head of Engineering: David R. Feller
Head of Customer Service: Donald Roy
Geographic Coverage: International
Number of Employees: 600

HOUSTON INSTRUMENTS

8500 Cameron Road
P.O. Box 15720
Austin, TX 78753
(800) 531-5479
Major Markets: Peripheral Manufacturing
Target Industries: Architecture; Graphics
Target Applications: Charts; Graphs
Contacts:
Head of Marketing: Rod Schaffner
Head of Sales: John Williams
Head of Software: Mary Grace Baker
Geographic Coverage: International
Year Established: 1959

HUMAN DESIGNED SYSTEMS, INC.

3440 Market St.
Philadelphia, PA 19104
(215) 382-5000
Major Markets: Terminal Manufacturing
Target Industries: Education; OEM
Contacts:
Head of Marketing: Roger Pincus
Head of Sales: Mike Gelberg
Geographic Coverage: International
Year Established: 1976

IBEX COMPUTER CORP.

20741 Marilla St.
Chatsworth, CA 91311
(213) 709-8100
Major Markets: Component Manufacturing; Dealer/Distributor
Target Industries: OEM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Bert T. Johnston
Head of Engineering: David Hardman
Geographic Coverage: International
Year Established: 1979
Number of Employees: 17

IBIS SYSTEMS, INC.

1850 Evergreen
Duarte, CA 91010
(213) 357-2180
Major Markets: Component and Peripheral Manufacturing

Target Industries: OEM, End Users
Geographic Coverage: International
Year Established: 1980
Number of Employees: 275

IBM

World Headquarters
Old Orchard Road
Armonk, NY 10504
(914) 765-1900
Major Markets: Component, Computer, Terminal, Peripheral, Communications Equipment and Office Equipment Manufacturing; Software House; Data Services (Service Bureau); Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Customer Service: Thomas M. Liptak
Geographic Coverage: International
Number of Employees: 350,000

IBM

Information Products and Systems Products Divisions
44 S. Broadway
White Plains, NY 10601
(914) 686-1900
Major Markets: Computer, Component, Terminal, Peripheral and Office Equipment Manufacturing; Software House; Miscellaneous Computer Supplies
Geographic Coverage: National
Number of Employees: 14,000

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Call Hall-Mark for IBM; your computer systems and peripherals source for the 80s

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Dallas, Texas 75222

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St. Petersburg ..(813) 576-8691

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Dallas.....(214) 341-1147
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Kansas City.....(913) 888-4747
St. Louis.....(314) 291-5350
Tulsa.....(918) 665-3200

WEST
Denver.....(303) 694-1662
Phoenix.....(602) 243-6601
San Diego.....(619) 268-1201
Sunnyvale.....(408) 773-9990

ICL, INC.

415 E. Airport Freeway
Irving, TX 75062
(214) 258-8525
Major Markets: Component and Terminal Manufacturing; OEM (Computer Systems)
Target Industries: Retail; Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Ronald Kiyohiro
Head of Software: Paul Nagy
Head of Customer Service: Ted Morgan
Geographic Coverage: National
Year Established: 1968
Number of Employees: 130

ICOT CORP.

P.O. Box 7248
Mountain View, CA 94039
(415) 964-4635
Major Markets: Terminal and Communications Equipment Manufacturing; OEM (Computer Systems)
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
Head of Marketing/Sales: Michael M. Denning
Head of Engineering: Peter Hepburn
Geographic Coverage: International
Year Established: 1968
Number of Employees: 350

IDE ASSOCIATES, INC.

7 Oak Park Drive
Bedford, MA 01730
(617) 275-4430
Major Markets: Peripheral and Communications Equipment Manufacturing
Contacts:
Head of Marketing: Nora Feldman
Head of Sales: Jim Bender
Head of Engineering: David Hunter
Geographic Coverage: International
Year Established: 1982
Number of Employees: 20

IDEOGRAPHIX, INC.

532 Mercury Drive
Sunnyvale, CA 94086
(408) 739-1290
Major Markets: Computer, Terminal, Peripheral and Communications Equipment Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals); Systems House (Commercial OEM); Data Services (Service Bureau); Maintenance/Other Services
Target Industries: Chinese DP; Chinese Communication Systems
Target Applications: Chinese Data Entry; Chinese Telex
Net Sales: \$1 Million — \$5 Million (1981)

Vendors

Contacts:

Head of Marketing: C. K. Yeh
Head of Sales: Eric Wang
Head of Software: David Chang
Head of Engineering: Chan A. Yeh
Head of Customer Service: George Tsai
Geographic Coverage: Far East
Year Established: 1972
Number of Employees: 55

ID SYSTEMS CORP.

4089 Leap Road
Hilliard, OH 43026
(614) 876-1595
Major Markets: Terminal Manufacturing; Dealer/Distributor
Target Industries: Business
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
Head of Marketing: Ray D'Onofrio
Geographic Coverage: International
Year Established: 1980
Number of Employees: 25

IKIER TECHNOLOGY, INC.

42 Pleasant St.
Watertown, MA 02172
(617) 924-3113
Major Markets: Component Manufacturing; OEM (Computer Systems); Maintenance/Other Services
Target Industries: Manufacturing; OEM
Target Applications: Graphics; Process Control; CAD; Medical; Manufacturing
Contacts:
Head of Marketing: Larre Nelson
Geographic Coverage: International
Year Established: 1981
Number of Employees: 12

ILENE INDUSTRIES DATA SYSTEMS, INC.

301 Stanley Blvd.
Shelbyville, TN 37160
(615) 684-8731
Major Markets: Computer and Communications Equipment Manufacturing; Maintenance/Other Services
Target Industries: Xerox Sigma Users; Engineering
Contacts:
Head of Sales: John C. Smith
Head of Software: Raymond Nix
Head of Engineering: Donald J. Friedman
Head of Customer Service: Rick Chambliss
Geographic Coverage: National
Year Established: 1981
Number of Employees: 15

IMAGE GRAPHICS, INC.

107 Ardmore St.
Fairfield, CT 06430
(203) 259-1394
Major Markets: Peripheral Manufacturing; OEM (Computer Systems)
Target Industries: Mapping; Geophysical; Engineering; Image Recording
Target Applications: Data Recording; Engineering; Graphics
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: F.P. Whitley
Head of Software: J. Turek
Head of Engineering: A.A. Ternowski

Head of Customer Service: W. Williams

Geographic Coverage: National
Year Established: 1974
Number of Employees: 35

IMAGE RESOURCE, INC.

2260 Townsgate Road
Westlake Village, CA 91361
(805) 496-6617
Major Markets: Peripheral Manufacturing
Target Industries: Medical; Business Graphics; Video; Manufacturing
Target Applications: CAD/CAM; Video
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Lee Benedict
Geographic Coverage: International
Year Established: 1976
Number of Employees: 30

IMC CORP.

P.O. Box 350
Aptos, CA 95003
(408) 688-0629
Major Markets: Terminal Manufacturing; Systems House (Commercial OEM)
Target Industries: Manufacturing; Distribution
Target Applications: Material and Management Control; Marco Tracking Systems
Contacts:
Head of Marketing: Michael Tansy
Geographic Coverage: National
Year Established: 1980
Number of Employees: 15

IMLAC CORP.

150 A St.
Needham, MA 02194
(617) 449-4600
Major Markets: Terminal Manufacturing; OEM (Computer Systems)
Target Industries: OEM; Engineering
Target Applications: CAD/CAM; Simulation
Contacts:
Head of Marketing: Paul Norman
Head of Sales: John Desjardins
Geographic Coverage: International
Year Established: 1968
Number of Employees: 100

IMS INTERNATIONAL

2800 Lookhead Way
Carson City, NV 89701
(702) 883-7611
Major Markets: Computer and Peripheral Manufacturing; OEM (Computer Systems)
Target Industries: Commercial
Target Applications: Graphics
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
Head of Marketing: Bill Ploskin
Head of Sales: Richard Wallace
Head of Software: Don Lehr
Head of Customer Service: Jim Zakreski
Geographic Coverage: International
Year Established: 1975
Number of Employees: 130

INTEX

Information Displays Division
28 Kaysal Court

Armonk, NY 10504
(914) 273-5805

Major Markets: Peripheral and Office Equipment Manufacturing; OEM

(Peripherals/Terminals)

Target Industries: Printing;

Publishing; Aerospace; Military

Net Sales: \$100,000 — \$500,000

(1982)

Contacts:

Head of Marketing: Frank Fazio

Head of Software: Michael Myers-

Jouan

Head of Engineering: Kim Meyers

Geographic Coverage: National

Year Established: 1980

Number of Employees: 9

INCOMNET, INC.

2772 Johnson Drive
Ventura, CA 93003
(805) 654-1616

Major Markets: Computer

Manufacturing; OEM (Computer

Systems); Software House; Data

Services (Service Bureau)

Target Industries: Financial;

Insurance; Automotive; Aircraft

Target Applications: Message

Switch; Accounting; Inventory

Contacts:

Head of Marketing/Sales: Ray Healy

Head of Engineering: Glen Kelley

Geographic Coverage: National

Year Established: 1974

Number of Employees: 48

INDEPENDENT BUSINESS SYSTEMS, INC.

5915 Graham Court
Livermore, CA 94550
(415) 443-3131

Major Markets: Computer

Manufacturing

Target Industries: Engineering;

Scientific; General Business

Net Sales: \$500,000 — \$1 Million

(1982)

Contacts:

Head of Marketing: Dick Glass

Geographic Coverage: International

Year Established: 1978

Number of Employees: 10

INDOCOMP, INC.

5409 Perry Drive
Drayton Plains, MI 48020
(313) 674-2294

Major Markets: Component and

Terminal Manufacturing; OEM

(Computer Systems); OEM

(Peripherals/Terminals); Software

House; Systems House (Commercial

OEM)

Target Industries: Manufacturing;

Automotive

Target Applications: Automated

Systems; Data Collection

Net Sales: \$1 Million — \$5 Million

(1981)

Contacts:

Head of Marketing: Lawrence

Borkowski

Head of Software: Lawrence

Kulvenhoven

Geographic Coverage: International

Year Established: 1976

Number of Employees: 14

INDUSTRIAL DATA

TERMINALS

173 Heatherdown Drive
Westerville, OH 43081
(614) 882-3282

Major Markets: Terminal

Manufacturing

Target Industries: Manufacturing;

Engineering

Target Applications: Process

Control; Programmable Controls;

Business Color Graphics; Industrial

Graphics

Net Sales: \$1 Million — \$5 Million

(1981)

Contacts:

Head of Marketing/Sales: Frank

Magalski

Head of Software: Ward Giannini

Head of Engineering: Ron Fowler

Head of Customer Service: Dan

Hicks

Geographic Coverage: International

Year Established: 1975

Number of Employees: 50

INFOLINK

1925 Holste Road
Northbrook, IL 60062
(312) 291-2900

Major Markets: Component and

Communications Equipment

Manufacturing; OEM (Peripherals/

Terminals)

Target Industries: Manufacturing;

Financial

Target Applications: Factory Data

Collection

Net Sales: \$5 Million — \$25 Million

(1981)

Contacts:

Head of Marketing: Paul Green

Head of Engineering: Jim Lysaught

Geographic Coverage: International

Year Established: 1976

Number of Employees: 60

INFOREX, INC.

186 Middlesex Trpk.
Burlington, MA 01803
(617) 272-6470

Major Markets: Component and

Computer Manufacturing; OEM

(Computer Systems); Software

House; Systems House (Commercial

OEM)

Target Industries: Manufacturing;

Retail; Government

Target Applications: Data Entry; File

Management

Contacts:

Head of Sales: Gene Parrett

Head of Engineering: Russell

Heneault

Geographic Coverage: International

Year Established: 1968

Number of Employees: 300

INFORMATION DEVELOPMENT & APPLICATIONS

10759 Tucker St.
Beltsville, MD 20705
(301) 937-3600

Major Markets: Component,

Computer, Terminal and Peripheral

Manufacturing; Software House;

Systems House (Commercial OEM)

Target Industries: Government;

Aerospace; Manufacturing

Target Applications: General

business

Net Sales: \$5 Million — \$25 Million

(1981)

Contacts:

Head of Marketing: Barbara Duffy

Geographic Coverage: National

Year Established: 1970

Number of Employees: 150

Vendors

INFORMATION DEVICES CORP.

Suite 102
2500 Mission College Blvd.
Santa Clara, CA 95054
Major Markets: Terminal, Peripheral and Communications Equipment Manufacturing; OEM (Peripherals/Terminals); Systems House (Commercial OEM);
Dealer/Distributor:
Maintenance/Other Services
Target Industries: Engineering
CAD/CAM; Earth Sciences
Contacts:
Head of Marketing/Sales: Tom Melby
Head of Software/Engineering: Frank Deak
Geographic Coverage: National
Year Established: 1981
Number of Employees: 15

INFORMATION PRODUCTS SYSTEMS

6567 Rookin
Houston, TX 77074
(713) 776-0071
Major Markets: Component Manufacturing; OEM (Computer Systems); Software House
Target Industries: Seismic; General Business
Contacts:
Head of Marketing: Henry Meitzner
Head of Engineering: Delbert Taylor
Geographic Coverage: International
Year Established: 1967
Number of Employees: 45

INFORMER COMPUTER TERMINALS, INC.

2236 Mill Creek Road
Laguna Hills, CA 92653
(714) 855-3112
Major Markets: Component, Terminal, Peripheral and Communications Equipment Manufacturing
Target Industries: Banking; Medical; Library; Systems Houses
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Lars Persson
Geographic Coverage: International
Year Established: 1972
Number of Employees: 120

INFORMS, INC.

2720 S. Croddy Way
Santa Ana, CA 92704
(714) 641-8595
Major Markets: Peripheral Manufacturing
Target Industries: Computer
Contacts:
Head of Marketing/Sales: Richard A. Barry
Head of Engineering: Dale E. Edwards
Geographic Coverage: International
Year Established: 1980
Number of Employees: 50

INFOTEC, INC.

1 Perimeter Road
Manchester, NH 03103
(603) 624-2700
Major Markets: Computer Manufacturing; OEM (Computer Systems)
Target Industries: Accountants; Insurance; Contractors; Medical
Target Applications: Fuel Oil

Accounting; Job Costing; Property Management; Medical
Contacts:
Head of Marketing: Calvin Holt
Head of Sales: Jack Flynn
Head of Engineering: Joel Weber
Geographic Coverage: National
Year Established: 1975
Number of Employees: 150

INFOTEX

1400 N. Baxter St.
Anaheim, CA 92806
(714) 956-9300
Major Markets: Peripheral Manufacturing; Software House
Target Industries: HP
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
Head of Marketing/Sales: Theo Stevens
Head of Software: Bruce Toback
Head of Engineering: John Haynie
Geographic Coverage: International
Year Established: 1976
Number of Employees: 300

INNER ACCESS CORP.

Suite K
517 Marine View
Belmont, CA 94002
(415) 591-8295
Major Markets: Component and Peripheral Manufacturing; Software House
Geographic Coverage: International
Year Established: 1979
Number of Employees: 94

INNOTRONICS CORP.

Brooks Road
Lincoln, MA 01773
(617) 259-0600
Major Markets: Component and Peripheral Manufacturing
Target Industries: OEM; Distributors
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Frank Myers
Geographic Coverage: Regional
Year Established: 1977
Number of Employees: 22

INNOVATIVE DATA TECHNOLOGY

4060 Morena Blvd.
San Diego, CA 92117
(619) 270-3990
Major Markets: Peripheral Manufacturing
Target Industries: OEM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Aldo Falossi
Geographic Coverage: International
Year Established: 1976
Number of Employees: 70

INNOVATIVE ELECTRONICS, INC.

4714 N.W. 105th St.
Miami, FL 33014
(305) 624-1644
Major Markets: Peripheral and Communications Equipment Manufacturing
Target Industries: Banking; Airlines; Education; Railroads
Net Sales: \$1 Million — \$5 Million (1981)

Contacts:

Head of Marketing: Diane Ruggiero
Head of Engineering: Matt Intihar
Geographic Coverage: National
Year Established: 1976
Number of Employees: 30

INSTOR CORP.

175 Jefferson Drive
Menlo Park, CA 94025
(415) 326-9630
Major Markets: Peripheral Manufacturing
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
Head of Marketing: David Agerter
Geographic Coverage: International
Year Established: 1979
Number of Employees: 10

INSTRUMENTATION LABORATORY, INC.

Pxel Division
1 Burr Road
Andover, MA 01810
(617) 861-0710
Major Markets: Component and Terminal Manufacturing
Target Industries: OEM; Medical
Net Sales: Less than \$100,000 (1981)
Contacts:
Head of Engineering: James McHale
Geographic Coverage: International
Year Established: 1980
Number of Employees: 120

INSTRUMENTATION TECHNOLOGY SYSTEMS

19360 Business Center Drive
Northridge, CA 91324
(213) 886-2034
Major Markets: Peripheral Manufacturing
Target Industries: Government, Aerospace
Target Applications: Special Instrumentation; Test
Net Sales: \$500,000 — \$1 Million (1981)
Geographic Coverage: National
Year Established: 1978
Number of Employees: 14

INTECOLOR

225 Technology Park
Norcross, GA 30092
(404) 449-5961
Major Markets: Component and Terminal Manufacturing; OEM (Computer Systems); Maintenance/Other Services
Target Industries: Control, MIS/Data Processing, Business Graphics; Measurement/Testing
Net Sales: \$5 Million — \$25 Million (1982)
Geographic Coverage: International
Year Established: 1973
Number of Employees: 375

INTEGRAL DATA SYSTEMS, INC.

Rt. 13 S.
Milford, NH 03055
(603) 673-9100
Major Markets: Peripheral Manufacturing
Target Industries: Retail; OEM
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: John Henry
Head of Sales: M. Barch

Geographic Coverage: International
Year Established: 1977
Number of Employees: 350

INTEGRATED DIGITAL PRODUCTS

3156 E. La Palma
Unit A
Anaheim, CA 92806
(714) 632-6972
Major Markets: Computer and Peripheral Manufacturing; Software House
Target Industries: System Houses
Geographic Coverage: International
Year Established: 1979
Number of Employees: 5

INTEGRATED SOLUTIONS, INC.

Suite 201
1350 Dell Ave.
Campbell, CA 95008
(408) 374-2441
Major Markets: Component Manufacturing; OEM (Peripherals/Terminals)
Geographic Coverage: National
Year Established: 1981
Number of Employees: 2

INTEGREX, INC.

233 N. Juniper St.
Philadelphia, PA 19107
(215) 568-9681
Major Markets: Peripheral Manufacturing
Geographic Coverage: National
Year Established: 1981
Number of Employees: 12

INTEL CORP.

3065 Bowers Ave.
Santa Clara, CA 95051
(408) 987-8080
Major Markets: Component and Peripheral Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals); Software House; Systems House (Commercial OEM); Maintenance/Other Services
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Marketing: William H. Davidow
Head of Sales: Henry M. O'Hara
Geographic Coverage: International
Year Established: 1959
Number of Employees: 17,000

INTERACTION SYSTEMS, INC.

24 Munroe St.
Newtown, MA 02160
(617) 964-5300
Major Markets: Component and Terminal Manufacturing; Software House
Target Industries: OEM
Contacts:
Head of Marketing: John A. Allston
Head of Engineering: Henry Ng
Geographic Coverage: International
Year Established: 1981
Number of Employees: 40

INTERFACE ELECTRONICS, INC.

21134 Bridge St.
Southfield, MI 48034
(313) 352-8820
Major Markets: Communications Equipment Manufacturing; Software House; Systems House (Commercial OEM); Dealer/Distributor

Vendors

Net Sales: \$500,000 — \$1 Million (1981)

Contacts:

Head of Engineering: Alan Barman
Geographic Coverage: National
Year Established: 1975
Number of Employees: 10

INTERFACE SYSTEMS, INC.

5855 Interface Drive
Ann Arbor, MI 48103
(313) 769-5900
Major Markets: Peripheral Manufacturing

Target Industries: Manufacturing; Medical; Education
Net Sales: \$5 Million — \$25 Million (1981)

Contacts:

Head of Marketing: Barry Belluci
Geographic Coverage: International
Year Established: 1967
Number of Employees: 30

INTERMEX CORP.

47 Dutchess Trpk.
Poughkeepsie, NY 12603
(914) 473-4300

Major Markets: Peripheral Manufacturing
Geographic Coverage: International
Year Established: 1972

INTERNATIONAL ANTECH, INC.

Antech Systems Division
2630 California St.
Mt. View, CA 94040
(415) 941-7914

Major Markets: Component and Peripheral Manufacturing
Target Industries: Personal Computer; Industrial
Target Applications: Design; Local Network
Net Sales: \$1 Million — \$5 Million (1982)

Geographic Coverage: International
Year Established: 1974

Number of Employees: 35
Net Sales: \$500,000 — \$1 Million (1981)

Contacts:

Head of Engineering: Alan Barman
Geographic Coverage: National
Year Established: 1975

Number of Employees: 10

INTERNATIONAL ENTRY

SYSTEMS, INC.

408 N.E. 72nd
Seattle, WA 98115
(206) 525-6800

Major Markets: Computer, Terminal and Peripheral Manufacturing; Software House
Target Industries: Service Bureaus
Target Applications: Data Entry; Communications

Net Sales: \$1 Million — \$5 Million (1981)

Contacts:

Head of Sales: Jerry Horvath
Geographic Coverage: International
Year Established: 1976

Number of Employees: 25

INTERPHASE CORP.

2925 Merrell Road
Dallas, TX 75229
(214) 238-0971

Major Markets: Peripheral Manufacturing

Target Industries: OEM
Net Sales: \$1 Million — \$5 Million (1981)

Contacts:

Head of Marketing: Robert Woods
Head of Sales: Robert Walker
Head of Engineering: Tom Thawley
Geographic Coverage: International
Year Established: 1978
Number of Employees: 34

INTERSCIENCE SYSTEMS, INC.

8435 Canoga Ave.
Canoga Park, CA 91304
(213) 709-7711

Major Markets: Peripheral Manufacturing

Target Industries: Government; Commercial
Net Sales: \$1 Million — \$5 Million (1981)

Contacts:

Head of Marketing: Frank J. LaChapelle
Geographic Coverage: National
Year Established: 1975
Number of Employees: 50

INTERTEL, INC.

Datel-Intersil
11 Cabot Blvd.
Mansfield, MA 02048
Major Markets: Peripheral Manufacturing

Net Sales: \$25 Million — \$100 Million (1981)

Contacts:

Head of Marketing: Fran Shoreys
Head of Sales: Harland Batchelder
Geographic Coverage: International
Year Established: 1970

Number of Employees: 550

INTERTEL SYSTEMS, INC.

1275 Hammerwood Ave.
Sunnyvale, CA 94089
(408) 743-4300

Major Markets: Component, Computer, Terminal and Peripheral Manufacturing; Software House; Dealer/Distributor; Maintenance/Other Services
Target Industries: Manufacturing; Business

Target Applications: Factory Automation; OA; DP

Contacts:

Head of Marketing/Sales: Lee Jensen
Head of Engineering: Ted Britton
Head of Customer Service: Max Myers

Geographic Coverage: International
Year Established: 1982

Number of Employees: 300

INTERTEC

2625 Park Blvd.
Palo Alto, CA 94306
(415) 326-8900

Major Markets: Software House; Data Services (Service Bureau)
Target Industries: Manufacturing
Target Applications: Accounting; MRP — Netchange

Contacts:

Head of Marketing/Sales: J. A. Lazzaro
Head of Software: John E. Lozon
Geographic Coverage: International
Year Established: 1970

Number of Employees: 80

INTERTEC DATA SYSTEMS

CORP.
2300 Broad River Rd.
Columbia, SC 29210

(803) 798-9100

Major Markets: Computer Manufacturing

Contacts:

Head of Marketing: Ron Wells
Geographic Coverage: International
Year Established: 1973
Number of Employees: 400

INTRON CORP.

Suite 403
7830 Backlick Road
Springfield, VA 22150
(703) 569-1502

Major Markets: Component Manufacturing; Software House; Systems House (Commercial OEM)
Target Industries: MIS; Government; Education; Telecommunications

Target Applications: Graphics

Contacts:

Head of Marketing/Sales: Hugh Donat
Geographic Coverage: National

Year Established: 1979

Number of Employees: 12

IONEGA CORP.

4646 S. 1500 West
Ogden, UT 84403

(801) 392-7581

Major Markets: Component and Peripheral Manufacturing
Target Industries: OEM

Net Sales: Less than \$100,000 (1981)

Contacts:

Head of Sales: Richard F. Carlton
Geographic Coverage: International
Year Established: 1980

Number of Employees: 140

IPL SYSTEMS, INC.

1370 Main St.
Waltham, MA 02254
(417) 890-6620

Major Markets: Computer Manufacturing; Maintenance/Other Services

Net Sales: \$5 Million — \$25 Million (1981)

Contacts:

Head of Marketing/Sales: William Manser
Head of Software: Charles A. Cornell
Head of Engineering: Robert Marriot
Head of Customer Service: Lee Gendron

Geographic Coverage: National

Year Established: 1973

Number of Employees: 250

IRWIN MAGNETICS, INC.

2311 Green Road
Ann Arbor, MI 48105
(313) 996-3300

Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals)

Target Industries: OEM

Contacts:

Head of Marketing: Max Sadowski
Geographic Coverage: International
Year Established: 1979

Number of Employees: 100

ITER COMPOSITION SYSTEMS

Large System Operation Division
355 Middlesex Ave.
Wilmington, MA 01887
(617) 933-7000

Major Markets: Terminal Manufacturing; OEM (Computer Systems)

Target Industries: Newspaper; Printing

Target Applications:

Photocomposition
Net Sales: \$5 Million — \$25 Million (1981)

Contacts:

Head of Marketing: William Heimbach
Head of Sales: William Kelly
Head of Software: Robert Fink
Head of Engineering: Arnie Cohen
Geographic Coverage: International
Year Established: 1971
Number of Employees: 250

ITHACA INTERSYSTEMS, INC.

1650 Hanshaw Road
P.O. Box 91
Ithaca, NY 14850
(607) 273-2500

Major Markets: Computer and Terminal Manufacturing

Target Industries: Dealers; OEM

Target Applications: Graphics; Business; Education

Net Sales: \$1 Million — \$5 Million (1982)

Contacts:

Head of Marketing/Sales: Andy D. Avanzo
Head of Software/Engineering: Jeff Moscow

Geographic Coverage: International

Year Established: 1978

Number of Employees: 100

**ITT COURIER
TERMINAL
SYSTEMS, INC.**

1515 W. 14th St.
Tempe, AZ 85281
(602) 894-7000

Major Markets: Component, Terminal and Peripheral Manufacturing; OEM (Peripherals/Terminals)

Contacts:

Head of Sales: Robert E. McKeon
Head of Engineering: Vincent Morelli
Geographic Coverage: International
Year Established: 1969
Number of Employees: 2,400

IXO, INC.

5757 Uplander Way
Culver City, CA 90230
(213) 417-9080

Major Markets: Terminal Manufacturing

Target Industries: System Houses; Sales & Service; Electronics

Contacts:

Head of Sales: John McGovern
Head of Software: Dr. Robert Doyle
Geographic Coverage: Australia, UK
Year Established: 1981
Number of Employees: 18

JADE COMPUTER PRODUCTS, INC.

4901 Rosecrans
Hawthorne, CA 90250
(213) 973-7707

Major Markets: Component, Computer and Peripheral Manufacturing

Net Sales: \$5 Million — \$25 Million (1982)

Geographic Coverage: International
Year Established: 1976

Number of Employees: 50

Vendors

JAPAN DIGITAL LABORATORY

Pacific Technology Services, Inc.
Suite 610
332 Pine Street
San Francisco, CA 94104
(415) 956-3926
Major Markets: Component, Computer, Peripheral and Office Equipment Manufacturing
Target Industries: Scientific; Engineering
Target Applications: CAD/CAM
Geographic Coverage: International
Year Established: 1968
Number of Employees: 500

JOHN BELL ENGINEERING

1014 Center St.
San Carlos, CA 94070
(415) 592-8411
Major Markets: Component, Computer and Peripheral Manufacturing; Software House
Net Sales: \$100,000 — \$500,000 (1982)
Contacts:
Head of Sales: John Bell Jr.
Head of Customer Service: Renee Parey
Geographic Coverage: International
Year Established: 1979
Number of Employees: 6

JOHN FLUKE

MANUFACTURING CO., INC.
Industrial Measurement and Control Division
6920 Seaway Blvd.
P.O. Box C-9090
Everett, WA 98206
(206) 342-6300
Major Markets: Terminal and Special Systems Manufacturing
Target Industries: Manufacturing
Target Applications: Production Testing
Contacts:
Head of Customer Service: Jerry LaRoche
Geographic Coverage: International
Year Established: 1949
Number of Employees: 400

JUKI AMERICA

299 Market St.
Saddle Brook, NJ 07682
(201) 368-3666
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing/Sales: Mr. Ochiai
Geographic Coverage: National
Number of Employees: 50

JUPITER SYSTEMS, INC.

2126 Sixth St.
Berkeley, CA 94710
(415) 844-1024
Major Markets: Terminal Manufacturing; Maintenance/Other Services
Target Industries: Manufacturing; Engineering; Research; Animation
Target Applications: CAD/CAM; Graphics; Simulation Modeling
Contacts:
Head of Marketing: Leroy Becker
Geographic Coverage:
Year Established: 1982
Number of Employees: 35

KAYE INSTRUMENTS, INC.

11 Deangelo Drive
Bedford, MA 01730
(617) 275-0300

Major Markets: OEM (Computer Systems)

Target Applications: Physical Measurement
Net Sales: \$5 Million — \$25 Million (1981)

Contacts:
Head of Sales: Jack Joyce
Head of Engineering: Dr. Robert Goldsmith
Geographic Coverage: International
Year Established: 1955
Number of Employees: 180

KENNEDY CO.

1600 Shamrock Ave.
Monrovia, CA 91016
(213) 357-8831
Major Markets: Peripheral Manufacturing
Target Industries: OEM Suppliers; OEM
Net Sales: \$25 Million — \$100 Million (1982)
Contacts:
Head of Marketing: Russ Bartholomew
Geographic Coverage: International
Year Established: 1964
Number of Employees: 1,000

KENNEWICK INDUSTRIAL CORP.

113 E. Columbia Drive
Kennewick, WA 99336
(509) 582-5156
Major Markets: Terminal Manufacturing; Dealer/Distributor
Contacts:
Head of Marketing: Dan Bernard
Geographic Coverage: International
Year Established: 1952
Number of Employees: 52

KIMTRON CORP.

2225-I Martin Ave.
Santa Clara, CA 95050
(408) 727-1510
Major Markets: Terminal Manufacturing
Target Industries: Distributors; System Integrators; OEM
Geographic Coverage: International
Year Established: 1979
Number of Employees: 14

KLC CORP.

2500 E. Colorado Blvd.
Pasadena, CA 91107
(213) 795-0525
Major Markets: Peripheral Manufacturing; OEM (Computer Systems); Software House; Maintenance/Other Services
Target Industries: Apparel; Manufacturing; Marketing
Target Applications: Piecework; Payroll; Product Control
Net Sales: \$100,000 — \$500,000 (1981)

Contacts:
Head of Marketing: K. Connelly
Head of Sales: J. Chris Connelly
Head of Engineering: D. Chesterby
Head of Customer Service: R. Connelly
Geographic Coverage: International
Year Established: 1976
Number of Employees: 8

KMW SYSTEMS CORP.

8307 Highway 71 W.
Austin, TX 78735
(512) 288-1453
Major Markets: Computer,

Peripheral, Communications

Equipment and Interface Manufacturing

Target Industries: Geophysical; Aerospace

Target Applications: Communication; Graphics; Channel Interfacing
Net Sales: \$5 Million — \$25 Million (1982)

Contacts:
Head of Marketing: Fred Klingensmith
Head of Sales: Steve Stillman
Head of Software: Harry D. Kerns
Head of Engineering: Thomas Allen
Head of Customer Service: Karen Willey
Geographic Coverage: International
Year Established: 1975
Number of Employees: 40

KONAN CORP.

1448 N. 27th Ave.
Phoenix, AZ 85009
(602) 269-2649
Major Markets: Component Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Ben Baughman
Geographic Coverage: International
Year Established: 1978
Number of Employees: 35

KONIGSBERG NORTH AMERICA, INC.

Data Systems
11500 Charles St.
Houston, TX 77041
(713) 466-4881
Major Markets: Peripheral Manufacturing; OEM (Computer Systems)
Target Industries: Engineering
Contacts:
Head of Marketing: Erik Berg
Head of Software: Jim Willis
Geographic Coverage: International
Year Established: 1963

KONISHIROKU PHOTO INDUSTRY CO., LTD.

440 Sylvan Ave.
Englewood Cliffs, NJ 07632
(201) 568-3100
Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals)
Contacts:
Head of Marketing: K. Sumiyoshi
Head of Sales: Bill Diminno
Geographic Coverage: National
Year Established: 1953
Number of Employees: 150

LEADING EDGE PRODUCTS, INC.

221 Tumble St.
Canton, MA 02021
(617) 828-8150
Major Markets: Peripheral Manufacturing; Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: System houses; Computer Retail Stores
Target Applications: Accounting; Games; Education
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Marketing: William Sellers
Geographic Coverage: International

Year Established: 1979

Number of Employees: 160

LEAR SIEGLER, INC. (LSI)

Data Products Division
714 N. Brookhurst St.
Anaheim, CA 92803
(714) 774-1010
Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals)
Target Industries: OEM; Large End Users
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
Head of Marketing: George Beardsley
Geographic Coverage: International
Year Established: 1978
Number of Employees: 500

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Alland.....(404) 447-8000
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Denver.....(303) 694-1662
Phoenix.....(602) 243-6601
San Diego.....(619) 268-1201
Sunnyvale.....(408) 773-9990

LEE DATA CORP.

7075 Flying Cloud Drive
Eden Prairie, MN 55344
(612) 828-0300

Vendors

Major Markets: Terminal Manufacturing
Net Sales: \$5 Million — \$25 Million (1980)
Contacts:
 Head of Sales: Fred Sweeney
 Head of Engineering: Doug Pihl
Geographic Coverage: International
Year Established: 1979
Number of Employees: 800

LEGEND INDUSTRIES, LTD.
 Industrial Computer Division
 2220 Scott Lake Road
 P.O. Box 112
 Pontiac, MI 48054
 (313) 674-0953
Major Markets: Peripheral Manufacturing
Target Industries: Computer; Apple Comp., & Market
Geographic Coverage: International
Year Established: 1980
Number of Employees: 11

LIBERTY ELECTRONICS, U.S.A.
 100 Clement St.
 San Francisco, CA 94118
 (415) 751-7560
Major Markets: Terminal Manufacturing
Contacts:
 Head of Marketing: Tim Meadows
 Head of Sales: Ed Trotter
 Head of Engineering: Brad Wang
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20

LNW RESEARCH CORP.
 2620 Walnut
 Tustin, CA 92680
 (714) 641-8850
Major Markets: Component and Computer Manufacturing; Dealer/Distributor
Target Industries: Small Business
Contacts:
 Head of Marketing: Ken Woog
Geographic Coverage: International
Year Established: 1979
Number of Employees: 40

LOBO SYSTEMS, INC.
 358 S. Fairview Ave.
 Goleta, CA 93117
 (805) 683-1576
Major Markets: Computer and Peripheral Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Doug Rex
 Head of Engineering: Kirk Hobart
Geographic Coverage: International
Year Established: 1979
Number of Employees: 40

LOCAL DATA, INC.
 2701 Toledo St.
 Torrance, CA 90503
 (213) 320-7128
Major Markets: Communications Equipment Manufacturing
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Sales: Dave Guthrie
 Head of Engineering: Dennis Klien
 Head of Customer Service: Kevin Jackson
Geographic Coverage: International
Year Established: 1977
Number of Employees: 23

LOCOM CORP.
 2350 Bering Drive
 San Jose, CA 95131
 (408) 942-1414
Major Markets: Peripheral Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Sandra Davenport
Geographic Coverage: International
Year Established: 1979
Number of Employees: 25

LOMAS DATA PRODUCTS, INC.
 66 Hopkinton St.
 Westboro, MA 01581
 (617) 366-6434
Major Markets: Component Manufacturing; OEM (Computer Systems)
Target Industries: OEM; Dealers
Target Applications: General Purpose
Net Sales: \$500,000 — \$1 Million (1982)
Contacts:
 Head of Software/Engineering: Richard Lomas
Geographic Coverage: International
Year Established: 1980
Number of Employees: 15

L-W INTERNATIONAL
 9416 Varel Ave.
 Woodland Hills, CA 91367
 (213) 348-8814
Major Markets: Peripheral Manufacturing
Target Industries: Engineering; Medical; Sports; Military
Geographic Coverage: National
Year Established: 1957
Number of Employees: 20

MACROLINK
 1150 E. Stanford Court
 Anaheim, CA 92805
 (714) 634-8080
Major Markets: Component, Peripheral and Communications Equipment Manufacturing
Target Industries: Oil; Scientific
Target Applications: CAD/CAM
Contacts:
 Head of Marketing: Bill Goodale
Geographic Coverage: International
Year Established: 1978
Number of Employees: 19

MACROTECH INTERNATIONAL CORP.
 20630 Lassen St.
 Chatsworth, CA 91311
 (213) 700-1501
Major Markets: Peripheral Manufacturing
Contacts:
 Head of Marketing/Sales: Bruce Kimmel
 Head of Engineering: Michael H. Pelkey
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20

MAGATAPE CORP.
 P.O. Box 317
 Duarte, CA 91010
 (213) 357-9921
Major Markets: Peripheral Manufacturing
Target Industries: OEM

Contacts:
 Head of Marketing: Gary L. Webb
 Head of Engineering: KoKo Gyi
Geographic Coverage: National
Year Established: 1981
Number of Employees: 25

MAGNUSON COMPUTER SYSTEMS, INC.
 2902 Orchard Pkwy.
 San Jose, CA 95134
 (408) 946-8100
Major Markets: Computer Manufacturing; OEM (Computer Systems)
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Marketing: Jerome J. Burke
 Head of Engineering: N. David Wheeler
Geographic Coverage: International
Year Established: 1977
Number of Employees: 285

MANAGEMENT ASSISTANCE, INC.
 Basic Four Information Systems
 14101 Myford Road
 Tustin, CA 92680
Major Markets: Computer and Office Equipment Manufacturing; Software House; Systems House (Commercial OEM); Dealer/Distributor
Target Industries: Distribution; Manufacturing
Contacts:
 Head of Marketing: William Rigby
 Head of Sales: Paul Olin
 Head of Software: Roger Sparks
 Head of Engineering: Robert Hery
Geographic Coverage: International
Year Established: 1971
Number of Employees: 1,500

MANNESMANN TALLY CORP.
 8301 S. 180th
 Kent, WA 98032
 (206) 251-5500
Major Markets: Component, Terminal and Peripheral Manufacturing
Contacts:
 Head of Marketing: Horst Mader
 Head of Sales: David del Valle
 Head of Software/Engineering: Robert Adams
 Head of Customer Service: Doug Hurrell
Geographic Coverage: International
Year Established: 1948
Number of Employees: 450

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MASSCOMP
 543 Great Road
 Littleton, MA 01460
 (617) 486-9425
Major Markets: Computer Manufacturing; OEM (Computer Systems)
Target Industries: Engineering; Scientific; OEM
Target Applications: Computation; Graphics
Contacts:
 Head of Marketing: Allan L. Wallace
Geographic Coverage: National
Year Established: 1981
Number of Employees: 45

MASSTO SYSTEMS, CORP.
 541 Lakeside Drive
 Sunnyvale, CA 94086
 (408) 737-2500
Major Markets: Peripheral Manufacturing; Software House; Systems House (Commercial OEM); Dealer/Distributor; Maintenance/Other Services
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Sales: John Oelschlaeger
Geographic Coverage: International
Year Established: 1976
Number of Employees: 150

MATCHLESS SYSTEMS
 18444 S. Broadway
 Gardena, CA 90248
 (213) 327-1010
Major Markets: Computer Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)
Target Industries: OEM/Dealer
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
 Head of Marketing: Bette Hammond
Geographic Coverage: International
Year Established: 1979

Vendors

MAXTOR CORP.

61 E. Daggett
San Jose, CA 95134
(408) 942-1700
Major Markets: Peripheral
Manufacturing
Target Industries: Computer
Contacts:
Head of Marketing: Robert G. Teal
Head of Sales: Leon Malmud
Head of Engineering: Jack S. Swartz
Head of Customer Service: Norman
K. Zimmerman
Geographic Coverage: International
Year Established: 1982
Number of Employees: 175

MDB SYSTEMS, INC.

1995 N. Batavia St.
Orange, CA 92665
(714) 998-6900
Major Markets: Component and
Communications Equipment
Manufacturing
Target Industries: Education;
Government
Contacts:
Head of Marketing: Jonnda Perry
Head of Sales: Bill Wollam
Geographic Coverage: International
Year Established: 1970
Number of Employees: 150

MDS TRIVEX, INC.

Trivex Division
3180 Redhill Ave.
Costa Mesa, CA 92626
(714) 546-7781
Major Markets: Component,
Terminal and Peripheral
Manufacturing
Target Applications: IBM 3270-
Compatible
Contacts:
Head of Marketing: Carol Hoffman
Head of Sales: V. Kenneth Leer
Head of Engineering: Richard P.
Kretschmann
Geographic Coverage: International
Year Established: 1964
Number of Employees: 100

MEASUREMENT SYSTEMS & CONTROLS, INC.

Systems Group
1601 Orangewood Ave.
Orange, CA 92668
(714) 633-4460
Major Markets: Component,
Computer and Peripheral
Manufacturing
Target Industries: Education;
Government
Target Applications: Accounting;
Inventory; WP
Contacts:
Head of Sales/Marketing: Dave
Jenoff
Head of Software/Engineering:
Lowell Dunn
Geographic Coverage: International
Year Established: 1978
Number of Employees: 45

MEGADATA CORP.

35 Orville Drive
Bohemia, NY 11716
(516) 589-6800
Major Markets: Computer and Office
Equipment Manufacturing
Net Sales: \$1 Million — \$5 Million
(1982)
Geographic Coverage: International
Year Established: 1967
Number of Employees: 150

MEGALOGIC CORP.

9659 National Road
Brookville, OH 45309
(513) 833-5222
Contacts:
Head of Marketing: Nick Schuster
Geographic Coverage: International
Year Established: 1976
Number of Employees: 13

MEGATEK CORP.

9605 Scranton Road
San Diego, CA 92121
(619) 455-5590
Major Markets: Terminal
Manufacturing
Target Industries: Engineering;
Manufacturing; Energy; Oil
Exploration
Target Applications: CAD/CAM
Net Sales: \$5 Million — \$25 Million
(1982)
Contacts:
Head of Marketing: Hiram French
Head of Engineering: Charles Daley
Geographic Coverage: International
Year Established: 1972
Number of Employees: 450

MEGAVAU LT

6431 Independence Ave.
Woodland Hills, CA 91367
(213) 884-7300
Major Markets: Peripheral
Manufacturing
Target Industries: System Houses
Contacts:
Head of Sales: Howard Wing
Geographic Coverage: International
Year Established: 1962
Number of Employees: 100

MEMODYNE CORP.

220 Reservoir St.
Needham Heights, MA 02194
(617) 444-7000
Major Markets: Peripheral
Manufacturing
Contacts:
Head of Sales: Normand H. Renaud
Geographic Coverage: International
Year Established: 1971
Number of Employees: 40

MEMOREX CORP.

Santomas and Central Expressways
Santa Clara, CA 95052
(408) 987-1000
Major Markets: Terminal and
Peripheral Manufacturing;
Miscellaneous Computer Supplies
Contacts:
Head of Marketing: James Castle
Head of Sales: Sam Spadafora
Head of Customer Service: Robert
Berry
Geographic Coverage: International
Year Established: 1961
Number of Employees: 10,000

MEMORY MERCHANT

14666 Doolittle Drive
San Leandro, CA 94577
(415) 483-1008
Major Markets: Component
Manufacturing
Net Sales: \$500,000 — \$1 Million
(1982)
Geographic Coverage: International
Year Established: 1981
Number of Employees: 4

MEMOTECH CORP.

Suite 200
7550 W. Yale Ave.

Denver, CO 80227

(303) 986-1516
Major Markets: Component,
Terminal and Peripheral
Manufacturing; OEM (Computer
Systems); Software House;
Dealer/Distributor
Target Industries: Manufacturing;
Retail
Target Applications: Graphics
Net Sales: \$1 Million — \$5 Million
(1982)
Geographic Coverage: International
Year Established: 1980
Number of Employees: 56

MEMTEC

Keewaydin Drive
Salem, NH 03079
(603) 893-8080
Major Markets: OEM (Peripherals/
Terminals)
Target Industries: Microcomputer
Manufacturing
Contacts:
Head of Marketing: Pat Dodds
Geographic Coverage: International
Year Established: 1962
Number of Employees: 250

MENTAL LOGIC LABORATORIES

U.S. Rt. 6
Clarks Corner
Hampton, CT 06247
(203) 455-0008
Major Markets: Component
Manufacturing; OEM (Computer
Systems); Systems House
(Commercial OEM);
Maintenance/Other Services
Target Industries: OEM
Geographic Coverage: National
Year Established: 1972
Number of Employees: 6

MEPCOM INTERNATIONAL, INC.

15181 Business Ave.
Dallas, TX 75234
(214) 484-0640
Major Markets: Computer and
Peripheral Manufacturing
Target Industries: Manufacturing;
OEM; Restaurant
Target Applications: Restaurant
Management
Net Sales: \$500,000 — \$1 Million
(1981)
Contacts:
Head of Sales: Mike Harvey
Geographic Coverage: National
Year Established: 1980
Number of Employees: 20

MERGENTHALER/MYCO-TEK

820 W. 2nd St.
Wichita, KS 67203
(316) 945-5087
Major Markets: Computer and
Terminal Manufacturing; Software
House; Systems House (Commercial
OEM); Dealer/Distributor;
Maintenance/Other Services
Target Industries: Newspaper;
Publisher; Video
Target Applications: Front-End
System; Video
Contacts:
Head of Marketing: David Walker
Head of Sales: Jerry Perkins
Head of Software: David S. Gilbert
Head of Customer Service: Al
Aulback
Geographic Coverage: International

Year Established: 1974
Number of Employees: 180

MESA TECHNOLOGY CORP.

16021 Industrial Drive
Gaithersburg, MD 20877
(301) 948-4612
Major Markets: Peripheral
Manufacturing; Software House;
Systems House (Commercial OEM);
Dealer/Distributor
Target Industries: Government;
Banking; Engineering
Contacts:
Head of Marketing: David Bolloiti
Geographic Coverage: National
Year Established: 1969
Number of Employees: 62

METHEUS CORP.

5289 Elam Young Parkway
Hillsboro, OR 97123
(503) 640-8000
Major Markets: Component
Manufacturing; OEM (Computer
Systems); OEM (Peripherals/
Terminals); Software House
Target Applications: CAD/CAM
Contacts:
Head of Marketing: Gary Romans
Head of Sales: Weldon Gates
Geographic Coverage: International
Year Established: 1981
Number of Employees: 50

MICROBAN SYSTEMS, INC.

1120 San Antonio Road
Palo Alto, CA 94303
(415) 964-2862
Major Markets: OEM (Computer
Systems)
Target Industries: Process Control;
Communications
Target Applications: Graphics;
Process Control
Net Sales: \$1 Million — \$5 Million
(1981)
Contacts:
Head of Software/Engineering: Rod
Allen
Geographic Coverage: International
Year Established: 1978
Number of Employees: 12

MICROCOMPUTER SYSTEMS, INC.

1814 Ryder Drive
Baton Rouge, LA 70808
(504) 769-2154
Major Markets: OEM (Computer
Systems); Systems House
(Commercial OEM)
Geographic Coverage: International
Year Established: 1976
Number of Employees: 12

MICRO CONTROL SYSTEMS, INC.

143 Tunnel Road
Vernon, CT 06066
(203) 872-0602
Major Markets: Peripheral
Manufacturing; OEM (Computer
Systems); Software House; CAD
graphics
Target Industries: Manufacturing;
Engineering; Education
Target Applications: CAD; Three-
Dimensional Graphics
Contacts:
Head of Marketing: Livingston
Davies
Geographic Coverage: International
Year Established: 1981
Number of Employees: 15

Vendors

MICRODATA CORP.

4000 McArthur
P.O. Box 19501
Irvine, CA 92713
(714) 250-1000
Major Markets: Computer, Terminal and Peripheral Manufacturing
Target Industries: General Business
Contacts:
Head of Marketing/Sales: John R. Boone
Geographic Coverage: International
Year Established: 1969
Number of Employees: 3,000

MICRO DATA SYSTEMS

Rt. 30 W.
Greengate Professional Building
Greensburg, PA 15601
(412) 837-7072
Major Markets: Peripheral Manufacturing; Systems House (Commercial OEM)
Contacts:
Head of Sales: Ron Menhorn
Geographic Coverage: International
Year Established: 1977
Number of Employees: 5

MICROMATION

1620 Montgomery
San Francisco, CA 94111
(415) 398-0289
Major Markets: Computer and Terminal Manufacturing; OEM (Peripherals/Terminals); Maintenance/Other Services
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: William McIntyre
Head of Software: Vince Conroy
Head of Engineering: Benjamin Cooper
Geographic Coverage: International
Year Established: 1977
Number of Employees: 100

MICRO MEMORY, INC.

9436 Irondale Ave.
Chatsworth, CA 91311
(213) 998-0070
Major Markets: Peripheral Manufacturing
Target Industries: Process Control
Contacts:
Head of Sales: Moss Jadaon
Geographic Coverage: International
Year Established: 1976
Number of Employees: 30

MICRO PERIPHERALS, INC.

9754 Deering Ave.
Chatsworth, CA 91311
(213) 709-4202
Major Markets: Peripheral Manufacturing
Target Applications: WP; Small Business Systems; Personal Computer
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
Head of Marketing/Sales: Michael Krunic
Head of Engineering: Jim Scieszinski
Head of Customer Service: Dale Spindler
Geographic Coverage: International
Year Established: 1977
Number of Employees: 600

MICRO PERIPHERALS, INC.

4426 S. Century
Salt Lake City, UT 84107

(801) 263-3081

Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: Otis Page
Geographic Coverage: International
Year Established: 1976
Number of Employees: 95

MICROPOLIS CORP.

21329 Nordhoff St.
Chatsworth, CA 91311
(213) 709-3300
Major Markets: Peripheral Manufacturing
Geographic Coverage: International
Year Established: 1977
Number of Employees: 500

MICROPROCESSOR SYSTEMS, INC.

215 Candace Drive
Maitland, FL 32751
(305) 834-2393
Major Markets: Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems)
Target Industries: OEM
Target Applications: CPM; MPM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Wendell A. Kaiser
Head of Engineering: Jerry A. Horn
Geographic Coverage: International
Year Established: 1976
Number of Employees: 42

MICROPRODUCTS

24627 Watt Road
Ramona, CA 92065
(619) 789-6510
Major Markets: Peripheral Manufacturing; Software House; Systems House (Commercial OEM)
Geographic Coverage: Regional
Year Established: 1978
Number of Employees: 7

MICRO-SCI

2188 S. Hathaway St.
Santa Ana, CA 92705
(714) 662-2801
Major Markets: Peripheral Manufacturing; Software House
Contacts:
Head of Marketing: Tim Hanson
Geographic Coverage: International
Year Established: 1980
Number of Employees: 70

MIDWESTERN INSTRUMENTS, INC.

575 E. Middlefield Road
Mountain View, CA 94043
(415) 961-2212
Major Markets: Peripheral Manufacturing
Target Industries: OEM
Contacts:
Head of Marketing: Marica Adams
Geographic Coverage: International
Year Established: 1982
Number of Employees: 40

MIDWEST SCIENTIFIC INSTRUMENTS, INC.

10700 Northrup Way
Bellevue, WA 98004
(206) 828-8080
Major Markets: Software House
Target Industries: Manufacturing
Contacts:
Head of Marketing: Nigel Smith
Geographic Coverage: International

Year Established: 1976

Number of Employees: 150

MICRO SYSTEMS DEVELOPMENT CORP., INC.

1560 Teaneck Road
Teaneck, NJ 07666
(201) 837-0032
Major Markets: Terminal Manufacturing; Maintenance/Other Services
Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
Head of Engineering: Joseph Bontitou
Geographic Coverage: International
Year Established: 1977
Number of Employees: 12

MICRO TECHNOLOGY, INC.

1620 Miraloma Ave.
Placentia, CA 92670
(714) 632-7580
Major Markets: Component and Peripheral Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Mike Jacobs
Geographic Coverage: International
Year Established: 1979
Number of Employees: 11

MICROTEK

4750 Viewridge Ave.
San Diego, CA 92123
(619) 569-0900
Major Markets: Terminal Manufacturing
Contacts:
Head of Marketing: Win Schwartz
Geographic Coverage: International
Year Established: 1979
Number of Employees: 70

MICRO-TERM, INC.

1314 Hanley Industrial Court
St. Louis, MO 63144
(314) 968-8151
Major Markets: Terminal Manufacturing
Target Industries: OEM; Distribution
Contacts:
Head of Marketing/Sales: Kaye Sutton
Head of Engineering: Geary Green
Geographic Coverage: International
Year Established: 1976
Number of Employees: 100

MIDWESTERN INSTRUMENTS, INC.

5436 S. Mingo Road
Tulsa, OK 74145
(918) 627-7521
Major Markets: Peripheral Manufacturing
Target Industries: R&D
Contacts:
Head of Sales/Customer Service: Argus Castlebury
Head of Engineering: Pat Patterson
Geographic Coverage: National
Year Established: 1948
Number of Employees: 50

MIDWEST SCIENTIFIC INSTRUMENTS, INC.

220 W. Cedar St.
Olathe, KS 66061
(913) 764-3273
Major Markets: Computer and Peripheral Manufacturing; OEM (Computer Systems); Software

House; Maintenance/Other Services

Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: National
Year Established: 1970
Number of Employees: 10

MILTOPE CORP.

1770 Walt Whitman Road
Melville, NY 11747
(516) 420-0200
Major Markets: Peripheral Manufacturing
Target Industries: Military
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
Head of Marketing: Robert Ceonzo
Head of Sales: Fred Corb
Head of Software/Engineering: Brian Birch
Geographic Coverage: International
Year Established: 1975
Number of Employees: 475

MINI-COMPUTER SYSTEMS, INC.

399 Fairview Park Drive
Elmsford, NY 10523
(914) 592-8812
Major Markets: Computer Manufacturing; Software House; Systems House (Commercial OEM)
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Sales: Jim Tomkins
Head of Software: Chris Sanders
Geographic Coverage: National
Year Established: 1969
Number of Employees: 150

MINICOMPUTER TECHNOLOGY

696 E. Trimble Road
San Jose, CA 95131
(408) 942-1616
Major Markets: Component Manufacturing
Net Sales: \$1 Million — \$5 Million (1982)
Geographic Coverage: International
Year Established: 1973
Number of Employees: 30

MINISCRIBE CORP.

1871 Lefthand Circle
Longmont, CO 80501
(303) 651-6000
Major Markets: Peripheral Manufacturing; OEM (Computer Systems)
Contacts:
Head of Marketing/Sales: Dennis Resnik
Geographic Coverage: International
Year Established: 1980
Number of Employees: 1,000

MINOLTA CORP.

Business Equipment Division
101 Williams Drive
Ramsey, NJ 07446
(201) 825-4000
Major Markets: Dealer/Distributor; Maintenance/Other Services
Target Industries: OA
Contacts:
Head of Marketing: John Vacca
Head of Software/Customer Service: Donald Johnson
Geographic Coverage: International
Year Established: 1928
Number of Employees: 500

MITRON SYSTEMS CORP.

2000 Century Plaza
Columbia, MD 21044
(301) 992-7700
Major Markets: Terminal and Communications Equipment Manufacturing
Geographic Coverage: International
Year Established: 1969
Number of Employees: 20

MITSUBISHI ELECTRONICS AMERICA, INC.

Computer Division
981 Knox St.
Torrance, CA 90502
(213) 515-3993
Major Markets: Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems); Software House; Dealer/Distributor; Maintenance/Other Services
Target Industries: Manufacturing; Contractors
Target Applications: Accounting; Data Entry
Net Sales: More than \$100 Million (1981)
Geographic Coverage: National
Year Established: 1976
Number of Employees: 100

MODULAR COMPUTER SYSTEMS, INC. (MODCOMP)

1650 W. McNab Road
Ft. Lauderdale, FL 33310
(305) 974-1380
Major Markets: Computer and Communications Equipment Manufacturing; Maintenance/Other Services
Target Industries: Process Control; Communications; Viewdata; Power Generation
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
Head of Marketing: Philippe Courtot
Head of Engineering: Harold Kopolow
Head of Customer Service: Jess Barber
Geographic Coverage: International
Year Established: 1970
Number of Employees: 1,500

MODUTEST SYSTEMS, INC.

Suite 11
10632 N. 21st Ave.
Phoenix, AZ 85029
(602) 944-0365
Major Markets: Computer Manufacturing; OEM (Peripherals/Terminals); Dealer/Distributor
Target Industries: Government; Timesharing
Target Applications: Real-Time Processing; Government Training; Time-Sharing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Lothar Mueller
Head of Engineering: Gene Zeiter
Geographic Coverage: International
Year Established: 1979
Number of Employees: 6

MOHAWK DATA SCIENCES CORP.

Seven Century Drive
Parsippany, NJ 07054
(201) 540-9080
Major Markets: Computer, Terminal and Peripheral Manufacturing;

Software House
Target Industries: Hospitals; Hospitality; Retail Footwear; Motor Vehicle
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing: Brian S. Gaylord
Geographic Coverage: International
Year Established: 1964
Number of Employees: 5,300

MONITOR DYNAMICS, INC.

1121 W. 9th St.
Upland, CA 91786
(714) 982-2216
Major Markets: Peripheral Manufacturing; OEM (Computer Systems)
Target Industries: OEM
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing: William Blaine
Geographic Coverage: National
Year Established: 1972
Number of Employees: 16

MONOLITHIC SYSTEMS CORP.

84 Inverness Circle E.
Englewood, CO 80112
(303) 770-7400
Major Markets: Computer, Computer and Peripheral Manufacturing; OEM (Peripherals/Terminals); Software House
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: International
Year Established: 1970
Number of Employees: 100

MORROW DESIGNS

600 McCormick St.
San Leandro, CA 94577
(415) 430-1970
Major Markets: Computer and Computer Manufacturing
Contacts:
Head of Marketing: Thomas Van Overbeck
Head of Sales: Chris Ray
Geographic Coverage: International
Year Established: 1977
Number of Employees: 100

MORROW DESIGNS, INC.

5221 Central Ave.
Richmond, CA 94804
(415) 524-2101
Major Markets: Computer, Computer and Peripheral Manufacturing; Software House; Systems House (Commercial OEM)
Contacts:
Head of Marketing: Bob Dilworth
Geographic Coverage: International
Year Established: 1976
Number of Employees: 70

MOSELEY ASSOCIATES, INC.

Santa Barbara Research Park
111 Castilian Drive
Goleta, CA 93117
(805) 968-9621
Major Markets: Computer and Communications Equipment Manufacturing
Target Industries: Broadcasting
Contacts:
Head of Marketing: Charles Rockhill
Head of Engineering: David Sairley
Geographic Coverage: International
Year Established: 1960
Number of Employees: 150

MOSTEK CORP.

1215 W. Crosby Road
Carrollton, TX 75006
(214) 466-6000
Major Markets: Component, Computer and Peripheral Manufacturing; Software House
Target Industries: Manufacturing
Geographic Coverage: International
Year Established: 1970
Number of Employees: 3,800

MOTOROLA, INC.

Semiconductor Sector
5005 E. McDowell Road
Phoenix, AZ 85008
(602) 244-6900
Major Markets: Component, Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems); Maintenance/Other Services
Target Industries: Government, Industrial; Commercial
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Marketing: Charles E. Thompson
Head of Sales: Brian Hilton
Geographic Coverage: International
Year Established: 1957
Number of Employees: 20,000

MOUNTAIN COMPUTER, INC.

300 El Pueblo Road
Scotts Valley, CA 95066
(408) 438-6650
Major Markets: Peripheral and Communications Equipment Manufacturing
Target Applications: Data Entry; Communications; Storage System
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Sales: Stan Scardina
Head of Engineering: Eric Swartz
Geographic Coverage: International
Year Established: 1977
Number of Employees: 70

MPC PERIPHERALS CORP.

9424 Chesapeake Drive
San Diego, CA 92123
(619) 278-0630
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: J. Morton Stong
Head of Sales: Peter Stankowski
Head of Engineering: Richard Ostrow
Head of Customer Service: Rene Youngers
Geographic Coverage: International
Year Established: 1981
Number of Employees: 12

MSI DATA CORP.

340 Fischer Ave.
Costa Mesa, CA 92626
(714) 549-6000
Major Markets: Terminal Manufacturing
Target Applications: Data Entry
Net Sales: \$50 Million — \$100 Million (1981)
Contacts:
Head of Marketing: Don Brosnan
Head of Sales: Aubrey Easterlin
Head of Software: Al Pappas
Geographic Coverage: International
Year Established: 1967
Number of Employees: 850

MULTI-SYSTEMS

3014 Robert T. Longway Blvd.
Flint, MI 48506
(313) 235-3538
Major Markets: Component Manufacturing; OEM (Computer Systems); Software House; Dealer/Distributor; Maintenance/Other Services
Target Industries: Manufacturing; Medical
Geographic Coverage: National
Year Established: 1977
Number of Employees: 15

MYLEE DIGITAL SCIENCES, INC.

155 Weldon Parkway
Maryland Heights, MO 63043
(314) 567-3420
Major Markets: Computer Manufacturing; Systems House (Commercial OEM)
Target Industries: Plumbing; Heating; Air Conditioning
Target Applications: Inventory Management; POS Polling; Accounting
Contacts:
Head of Marketing: Tom Fisher
Geographic Coverage: National
Year Established: 1967
Number of Employees: 65

NABU COMMERCIAL TERMINAL, INC.

333 Metro Park
Rochester, NY 14623
(716) 475-1221
Major Markets: Dealer/Distributor
Target Industries: OEM; Distribution
Geographic Coverage: National
Year Established: 1960
Number of Employees: 10

NANODATA COMPUTER CORP.

1 Computer Park
Buffalo, NY 14203
(716) 845-6000
Major Markets: Computer Manufacturing
Target Industries: Aerospace; Government; Education
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing/Sales: Michael Sentt
Geographic Coverage: National
Year Established: 1971
Number of Employees: 25

NATIONAL ADVANCED SYSTEMS

800 E. Middlefield Road
Mountain View, CA 94043
(415) 962-6000
Major Markets: Component and Computer Manufacturing; OEM (Peripherals/Terminals); Software House; Maintenance/Other Services
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Marketing/Sales: Jerry Ungermann
Head of Software: Alan Cade
Head of Engineering: C. B. Luce
Head of Customer Service: David Turner
Geographic Coverage: International
Year Established: 1979
Number of Employees: 2,400

Vendors

NATIONAL MEMORY SYSTEM CORP.

721 Mayview
Livermore, CA 94550
(415) 443-1669
Major Markets: Peripheral Manufacturing; Systems House (Commercial OEM)
Target Industries: Image Processing; Computer Graphics
Target Applications: Financial, Scientific
Geographic Coverage: National
Year Established: 1982
Number of Employees: 13

NATIONAL MICRO PRODUCTS, INC.

430 Southlake Blvd.
Richmond, VA 23236
(804) 794-0517
Major Markets: Computer and Communications Equipment Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM); Dealer/Distributor; Maintenance/Other Services
Target Industries: Small Business; Lodging; Security
Target Applications: Office Networks; Process Control
Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
Head of Marketing/Software: Carol Nivert
Geographic Coverage: National
Year Established: 1980
Number of Employees: 20

NATIONAL SEMICONDUCTOR CORP.

2300 Semiconductor Drive
Santa Clara, CA 95051
(408) 721-5000
Major Markets: Special Systems, Computer, Peripheral and Communications Equipment Manufacturing
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing: F. J. Van Popelen
Geographic Coverage: International
Year Established: 1965
Number of Employees: 35,000

NCR CORP.

World Headquarters
1700 S. Patterson Blvd.
Dayton, OH 45479
(513) 445-5000
Major Markets: Component, Computer, Terminal, Peripheral, Communications Equipment and Office Equipment Manufacturing; Software House; Systems House (Commercial OEM); Data Services (Service Bureau); Maintenance/Other Services
Target Industries: Retail; Banking; Commercial/Industrial; Medical; Education; Government
Target Applications: POS; ATM; General Accounting
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Customer Service: V. F. Bean
Geographic Coverage: International
Year Established: 1884
Number of Employees: 63,000

NEC INFORMATION SYSTEMS, INC.

5 Millia Drive
Lexington, MA 02173
(617) 862-3120
Major Markets: Computer and Peripheral Manufacturing; Software House
Target Industries: Pharmacy; Accounting; Legal; Resort
Contacts:
Head of Marketing: Harland K. Lavigne
Geographic Coverage: International
Year Established: 1977
Number of Employees: 500

Additional information provided for by supplier

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Tulsa (918) 665-3200

WEST

Denver (303) 694-1662
Phoenix (602) 243-6601
San Diego (619) 246-1201
Sunnyvale (408) 773-9990

NESTAR SYSTEMS, INC.

2585 E. Bayshore Road
Palo Alto, CA 94303
(415) 493-2223
Major Markets: Communications Equipment Manufacturing
Contacts:
Head of Marketing: Peter Hertan
Head of Sales: William Coleman

Head of Engineering: Leonard J. Shustek
Geographic Coverage: International
Year Established: 1978
Number of Employees: 100

NEW ENGLAND DIGITAL CORP.

49 N. Main St.
P.O. Box 546
White River Junction, VT 05001
(802) 295-5800
Major Markets: Computer Manufacturing; OEM (Computer Systems)
Target Industries: Communications; Music
Contacts:
Head of Marketing: Brad Naples
Head of Software: Jeff Risberg
Geographic Coverage: International
Year Established: 1976
Number of Employees: 35

NEW MEDIA GRAPHICS CORP.

279 Cambridge St.
Burlington, MA 01803
(617) 272-8844
Major Markets: Terminal Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)
Target Applications: POS; Training; Visual Data Bases
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
Head of Marketing/Sales: Arthur J. Franke
Head of Software/Customer Service: Paul M. Ralla
Head of Engineering: Jeffrey Wise
Geographic Coverage: International
Year Established: 1980
Number of Employees: 6

NEWPORT ELECTRONICS, INC.

630 E. Young St.
Santa Ana, CA 92705
(714) 540-4914
Major Markets: Peripheral Manufacturing
Target Industries: Process Control
Contacts:
Head of Marketing: Rob Britton
Head of Engineering: Karl Hindrichs
Geographic Coverage: International
Year Established: 1969
Number of Employees: 180

NICOLET ZETA CORP.

2300 Stanwell Drive
Concord, CA 94520
(415) 671-0600
Major Markets: Peripheral Manufacturing
Target Industries: Banking; OEM
Contacts:
Head of Marketing: Gary Hasenfus
Geographic Coverage: International
Year Established: 1969
Number of Employees: 100

NISSEI SANGYO AMERICA, LTD.

825 Third Ave.
New York, NY 10022
(212) 755-2900
Major Markets: Peripheral Manufacturing; Manufacturers Representatives
Target Industries: OEM
Contacts:
Head of Sales: J. Kanno

Geographic Coverage: National
Year Established: 1957
Number of Employees: 100

NIXDORF COMPUTER CORP.

300 Third Ave.
Waltham, MA 02154
(617) 890-3600
Major Markets: Component, Computer, Terminal, Peripheral and Communications Equipment Manufacturing; Software House; Maintenance/Other Services
Target Industries: Banking; Retail; Transportation; Medical
Target Applications: Accounting; General Business
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing: Mike Backler
Head of Sales: Robert Davis
Head of Software: James Adlesberger
Geographic Coverage: International
Year Established: 1952
Number of Employees: 1,800

NORSK DATA NORTH AMERICAN, INC.

55 William St.
Wellesley, MA 02181
(617) 237-7945
Major Markets: Computer Manufacturing; OEM (Computer Systems); Dealer/Distributor
Target Industries: Government
Geographic Coverage: International
Year Established: 1967
Number of Employees: 1,000

NORTH ATLANTIC INDUSTRIES

Cantex Division
60 Plant Ave.
Hauppauge, NY 11788
(516) 582-6500
Major Markets: Terminal and Peripheral Manufacturing; OEM (Peripherals/Terminals)
Target Industries: Aerospace; Government
Target Applications: Data Logging; Disk Backup
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Sales: S. Richard Rausch
Head of Software: Mario Dilede
Head of Engineering: Arthur Frellich
Head of Customer Service: Daniel Carroll
Geographic Coverage: International
Year Established: 1955
Number of Employees: 375

NORTHERN TELECOM, INC.

Cook Electric Division
6201 Oakton St.
Morton Grove, IL 60053
(312) 967-6600
Major Markets: Peripheral and Communications Equipment Manufacturing
Target Industries: Communication
Contacts:
Head of Marketing: W. Viviano
Head of Sales: G. Meyer
Geographic Coverage: International
Year Established: 1886
Number of Employees: 700

NORTHERN TELECOM, INC.
Electronic Office Systems Division
Data Park

Vendors

P.O. Box 1222
Minneapolis, MN 55440
(612) 932-8000
Major Markets: Computer, Terminal, Peripheral, Communications
Equipment and Office Equipment: Manufacturing; Software House; Maintenance/Other Services
Target Industries: Manufacturing; Banking; Government; Education
Target Applications: Inquiry/Response, Data Entry; DDP; Remote Job Entry
Contacts:
Head of Marketing: R.W. Duthie
Head of Sales: S.T. Oppenheimer
Geographic Coverage: International

NORTHERN TELECOM, INC.
Terminal Systems Division
P.O. Box 1222
Minneapolis, MN 55440
(612) 932-8000
Major Markets: Computer and Terminal Manufacturing; Software House; Dealer/Distributor; Maintenance/Other Services
Target Industries: Manufacturing; Military; Education; Business/Industrial
Target Applications: Data Entry; DDP; OA; On-Line Office
Contacts:
Head of Marketing: Bob Dyermon
Geographic Coverage: International
Year Established: 1978
Number of Employees: 1,300

NORTHERN TELECOM, INC.
Integrated Office Systems Division
1201 Arapaho
Richardson, TX 75081
(214) 234-7500
Major Markets: Computer, Terminal, Peripheral and Communications
Equipment Manufacturing: OEM (Computer Systems); Maintenance/Other Services
Target Industries: Medical; Government; Lodging; Hospitality
Target Applications: Telecommunications
Net Sales: More than \$100 Million (1982)
Contacts:
Head of Marketing: James Landon
Head of Sales: David J. Horton
Geographic Coverage: International
Year Established: 1975
Number of Employees: 7,500

NOVATION, INC.
20409 Prairie St.
Chatsworth, CA 91311
(213) 996-5060
Major Markets: Terminal and Communications Equipment
Manufacturing: Manufacturing
Contacts:
Head of Sales: Jerry Grimson
Geographic Coverage: International
Year Established: 1967
Number of Employees: 125

NOVELL DATA SYSTEMS, INC.
1170 N. Industrial Park Drive
Orem, UT 84057
(801) 226-8202
Major Markets: Terminal and Peripheral Manufacturing
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
Head of Marketing: D. Guerrero
Head of Sales: Reid Clark

Geographic Coverage: International
Year Established: 1980
Number of Employees: 35

HUMPHRIES
418 Pierce St.
Lansdale, PA 19446
(215) 362-2766
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: Phyllis Ulrich
Geographic Coverage: International
Year Established: 1969
Number of Employees: 30

OCTAGON COMPUTER SYSTEMS
151 Burnell Ave.
San Jose, CA 95119
(408) 225-2700
Major Markets: Computer Manufacturing
Target Applications: General Purpose
Contacts:
Head of Software: Charles Goodman
Head of Engineering: Joel Walz
Geographic Coverage: International
Year Established: 1982
Number of Employees: 10

OKIDATA CORP.
111 Gaither Drive
Mt. Laurel, NJ 08054
(609) 235-2600
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: C. Baffa
Geographic Coverage: International
Year Established: 1972
Number of Employees: 300

Additional information provided for by supplier
Call Hall-Mark for Okidata; your computer systems and peripherals source for the 80s

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Dallas, Texas 75222

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Philadelphia.....(215) 355-7300

SOUTHEAST
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Baltimore.....(301) 796-9300
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Huntville.....(205) 837-8700
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Columbus.....(614) 891-4555
Milwaukee.....(414) 761-3000
Minneapolis.....(612) 854-3223

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Austin.....(512) 258-8848
Dallas.....(214) 341-1147
Houston.....(713) 781-6100
Kansas City.....(913) 888-4747
St. Louis.....(314) 291-5350
Tulsa.....(918) 665-3200

WEST
Denver.....(303) 694-1662
Phoenix.....(602) 243-6601
San Diego.....(619) 268-1201
Sunnyvale.....(408) 773-9990

OLYMPIA U.S.A., INC.
Rt. 22
P.O. Box 22
Somerville, NJ 08876
(201) 722-7000
Major Markets: Computer and Office Equipment Manufacturing; OEM (Peripherals/Terminals); Miscellaneous Computer Supplies
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
Head of Sales: Carl Robbins
Geographic Coverage: National
Year Established: 1940
Number of Employees: 260

OMTI
557 Salmar Ave.
Campbell, CA 95008
(408) 370-3555
Major Markets: Component Manufacturing
Contacts:
Head of Marketing: Richard Gunderson
Geographic Coverage: International
Year Established: 1980
Number of Employees: 40

ONYX & IMI, INC.
Dataflux Corp.
1050 Stewart Drive
Sunnyvale, CA 94086
(408) 732-7070
Major Markets: Peripheral Manufacturing
Target Industries: OEM
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Albert Havan
Head of Engineering: Donald Parker
Geographic Coverage: National
Year Established: 1970
Number of Employees: 65

ONYX & IMI, INC.
International Memories, Inc.
10381 Bandy Drive
Cupertino, CA 95014
(408) 446-9779
Major Markets: Component and Peripheral Manufacturing
Target Industries: OEM
Contacts:
Head of Marketing: Joel Levine
Geographic Coverage: International
Year Established: 1977
Number of Employees: 325

ONYX SYSTEMS
25 E. Trimble Road
San Jose, CA 95131
(408) 946-6330
Major Markets: Computer Manufacturing
Net Sales: \$25 Million — \$100 Million (1981)

Contacts:
Head of Marketing: Tom Anthony
Head of Sales: Mike Speis
Geographic Coverage: International
Year Established: 1979
Number of Employees: 120

OPE PRINTERS, INC.
505 White Plains Road
Tarrytown, NY 10591
(914) 631-3000
Major Markets: OEM (Peripherals/Terminals)
Contacts:
Head of Marketing: Gianni Subrzi
Geographic Coverage: National
Year Established: 1983
Number of Employees: 10

OPTRONICS INTERNATIONAL, INC.
7 Stuart Road
Chelmsford, MA 01824
(617) 256-4511
Major Markets: Computer and Peripheral Manufacturing; Software House; Systems House (Commercial OEM); Maintenance/Other Services
Target Industries: Medical; Manufacturing; Remote Sensing
Contacts:
Head of Marketing: Les E. Silvern
Head of Software: Gregory Hirshan
Head of Engineering: Thomas Boston
Geographic Coverage: International
Year Established: 1968
Number of Employees: 100

PALM BEACH COMPUTERS, INC.
3646 Lantana Road
Lantana, FL 33462
(305) 967-3660
Major Markets: Component and Computer Manufacturing; OEM (Computer Systems); Software House
Target Industries: Accounting; General Business
Contacts:
Head of Software: T. D. Farnsworth
Geographic Coverage: Florida
Year Established: 1978
Number of Employees: 5

PANASONIC INDUSTRIAL CO.
Matsushita Electronic Corp. of America
One Panasonic Way
Secaucus, NJ 07094
(201) 348-7000
Major Markets: Component, Computer, Communications
Equipment and Office Equipment: Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)
Target Industries: Banking; Manufacturing; Retail
Target Applications: Data Entry
Contacts:
Head of Marketing: Scott Minakami
Head of Sales: Joe Shiohoku
Geographic Coverage: International
Year Established: 1982
Number of Employees: 2,000

PARADYNE CORP.
8550 Urmerton Road
P.O. Box 2826
Largo, FL 33540
(813) 530-2000
Major Markets: Computer, Terminal and Communications Equipment

Vendors

Manufacturing: OEM (Computer Systems); OEM (Peripherals/Terminals); Maintenance/Other Services

Target Industries: Banking; Engineering; Manufacturing; Retail
Target Applications: WP; Data Entry; DBMS; OA
Net Sales: More than \$100 Million (1981)

Contacts:
Head of Marketing: Jerry T. Kendall
Head of Sales: John Mullane
Head of Engineering: Ken Wall
Head of Customer Service: John Kiehl

Geographic Coverage: International
Year Established: 1969
Number of Employees: 3,100

PCE SYSTEMS

4219 S. Market Court
Unit H
Sacramento, CA 95834
(916) 921-5454

Major Markets: Component and Computer Manufacturing; OEM (Computer Systems); Software House

Target Industries: Engineering; Financial

Target Applications: Office Communications
Net Sales: \$1 Million — \$5 Million (1982)

Contacts:
Head of Marketing: Dave Alling
Geographic Coverage: International
Year Established: 1977
Number of Employees: 20

PEDY, INC.

501 D. Vandell Way
Campbell, CA 95008
(408) 866-7838

Major Markets: Component and Peripheral Manufacturing
Geographic Coverage: International
Year Established: 1975
Number of Employees: 10

PENTEL OF AMERICA, LTD.

2715 Columbia St.
Torrance, CA 90503
(213) 320-3831

Major Markets: Computer and Peripheral Manufacturing

Target Industries: Commercial

Contacts:
Head of Marketing/Sales: M. Osada
Head of Software: Y. Shinoeda
Head of Engineering: T. Ozeki
Head of Customer Service: T. Nakayama

Geographic Coverage: International
Year Established: 1965
Number of Employees: 300

PERCOM DATA CORP.

11220 Pagemill Road
Dallas, TX 75243
(214) 340-7081

Major Markets: Peripheral Manufacturing; Software House

Contacts:
Head of Marketing: George MacIntyre
Geographic Coverage: International
Year Established: 1976

PERIPHERAL SYSTEMS, INC.

1000 Lincoln Drive E.
Marlton, NJ 08053
(609) 983-7300

Major Markets: Terminal

Manufacturing

Contacts:
Head of Marketing: Anna Marie Sebastiano

Geographic Coverage: National
Year Established: 1978
Number of Employees: 15

PERIPHERAL TECHNOLOGY, INC.

14784 N.E. 95th St.
Redmond, WA 98052
(206) 881-6691

Major Markets: Component and Terminal Manufacturing; Software House; Maintenance/Other Services

Net Sales: \$500,000 — \$1 Million (1982)

Contacts:
Head of Marketing/Sales: Richard Aydelotte

Head of Engineering/Customer Service: Al Williams

Geographic Coverage: International
Year Established: 1979
Number of Employees: 35

PERKIN-ELMER CORP.

Terminals Division
360 Rt. 206 S.
Flanders, NJ 07836
(201) 584-1400

Major Markets: Terminal Manufacturing

Geographic Coverage: International
Year Established: 1976
Number of Employees: 200

PERKIN-ELMER CORP.

Data Systems Group
2 Crescent Place
Oceanport, NJ 07757
(201) 870-4712

Major Markets: Computer Manufacturing

Target Industries: Financial; Scientific; Geophysical; Aerospace and Weapons

Target Applications: CAD/CAM, Simulation

Net Sales: More than \$100 Million (1981)

Contacts:
Head of Marketing: B. Rosenbaum

Head of Sales: James K. Sims
Head of Software: David Caplan

Head of Customer Service: Joseph Rechner

Geographic Coverage: International
Year Established: 1966
Number of Employees: 2,000

PERRY DATA SYSTEMS, INC.

3401 Spring Forest Road
Raleigh, NC 27604
(919) 876-8100

Major Markets: Terminal Manufacturing; OEM (Computer Systems)

Target Industries: Oil; Auto; Restaurants; Government

Target Applications: Government Operations; Building Supplies; Restaurants

Net Sales: \$5 Million — \$25 Million (1982)

Geographic Coverage: National
Year Established: 1967
Number of Employees: 50

PER SCI, INC.

12624 Daphne Ave.
Hawthorne, CA 90250
(213) 777-7536

Major Markets: Peripheral

Manufacturing; Dealer/Distributor

Contacts:
Head of Marketing: Dennis Ammons

Geographic Coverage: International
Year Established: 1975
Number of Employees: 50

PERSONAL MICRO COMPUTERS, INC.

475 Ellis St.
Mountain View, CA 94043
(415) 962-0220

Major Markets: Computer, Peripheral and Office Equipment

Manufacturing; Software House

Contacts:
Head of Marketing: Ron Troxell

Geographic Coverage: International
Year Established: 1980

PERTEC COMPUTER CORP.

Peripherals Division
9610 Desoto Ave.
P.O. Box 2198
Chatsworth, CA 91311
(213) 882-0030

Major Markets: Terminal and Peripheral Manufacturing

Net Sales: More than \$100 Million (1981)

Contacts:
Head of Marketing: Jim Youngblood

Geographic Coverage: International
Year Established: 1967
Number of Employees: 1,000

PH-ASSOCIATES, INC.

8720 Old Courthouse Road
Vienna, VA 22180
(703) 281-5762

Major Markets: OEM (Computer Systems); Software House

Target Industries: Government; Commercial

Net Sales: \$100,000 — \$500,000 (1982)

Geographic Coverage: National
Year Established: 1979
Number of Employees: 5

PHAZE INFORMATION MACHINES CORP.

7650 E. Redfield Road
Scottsdale, AZ 85260
(602) 991-6855

Major Markets: Computer and Terminal Manufacturing

Target Industries: Fortune 500

Contacts:
Head of Marketing: Robert Goerner

Geographic Coverage: International
Year Established: 1982
Number of Employees: 35

PHC, INC.

22 Metty Drive
P.O. Box 1108
Ann Arbor, MI 48106
(313) 994-0501

Major Markets: Component and Computer Manufacturing; OEM (Computer Systems); Software House; Maintenance/Other Services

Target Applications: Process Control

Net Sales: \$100,000 — \$500,000 (1982)

Geographic Coverage: National
Year Established: 1971
Number of Employees: 6

PHILIPS PERIPHERALS, INC.

385 Oyster Point Blvd.
Unit 12

San Francisco, CA 94080
(415) 952-3000

Major Markets: Dealer/Distributor; Maintenance/Other Services

Contacts:
Head of Sales: Meryl Manthey

Head of Customer Service: Warren Whittington

Geographic Coverage: National
Year Established: 1983
Number of Employees: 4

PHOENIX COMPUTER SYSTEMS, INC.

119 Board
Lafayette, LA 70508
(318) 234-0063

Major Markets: Terminal Manufacturing; Software House

Target Industries: Scientific; Manufacturing

Net Sales: \$5 Million — \$25 Million (1981)

Contacts:
Head of Marketing: Larry Purcell

Geographic Coverage: National
Year Established: 1976
Number of Employees: 18

PHOENIX DATA, INC.

3384 W. Osborn Road
Phoenix, AZ 85017
(602) 278-8528

Major Markets: Peripheral and Communications Equipment

Manufacturing

Contacts:
Head of Marketing: J. Makedonsky

Geographic Coverage: International
Year Established: 1968
Number of Employees: 50

PHOENIX DIGITAL CORP.

2315 N. 35th Ave.
Phoenix, AZ 85009
(602) 278-3591

Major Markets: Computer, Terminal and Communications Equipment

Manufacturing; OEM (Computer Systems); Maintenance/Other Services

Target Industries: Automotive

Target Applications: Data Acquisition; Process Control

Contacts:
Head of Marketing: Gerald Trussell

Geographic Coverage: International
Year Established: 1977
Number of Employees: 30

PICEON, INC.

Intelligent Systems Division
1911 Concourse Drive
San Jose, CA 95131
(408) 946-8030

Major Markets: Terminal Manufacturing

Target Industries: OEM

Contacts:
Head of Marketing: John Cosley

Head of Sales: Fred Fowler
Geographic Coverage: International
Year Established: 1977
Number of Employees: 25

PLESSEY MICROSYSTEMS

451 Hungerford Drive
Rockville, MD 20850
(301) 279-2892

Major Markets: Computer, Peripheral and Communications

Equipment Manufacturing; Dealer/Distributor

Net Sales: More than \$100 Million (1981)

Vendors

Contacts:

Head of Marketing: Garry Tomlins
Head of Sales: Randy Williams
Head of Engineering: Nick
Robertshaw
Geographic Coverage: International
Year Established: 1923
Number of Employees: 50,000

PLESSEY PERIPHERAL SYSTEMS

2632 DuBridge Ave.
Irvine, CA 92714
(714) 540-6288
Major Markets: Computer
Manufacturing; OEM (Computer
Systems); Software House; Systems
House (Commercial OEM)
Contacts:
Head of Marketing: Jack Neth
Head of Sales: Gerard Mottier
Head of Software: Randy Hardy
Head of Engineering: Bob Edgart
Geographic Coverage: International
Year Established: 1972
Number of Employees: 100

PLEXUS COMPUTERS, INC.

2230 Martin Ave.
Santa Clara, CA 95050
(408) 988-1755
Major Markets: Computer
Manufacturing; OEM (Computer
Systems)
Target Industries: OEM;
Commercial; CA
Target Applications: OA
Net Sales: \$5 Million — \$25 Million
(1982)
Contacts:
Head of Sales: Ralph Mele
Geographic Coverage: International
Year Established: 1980
Number of Employees: 75

POINT FOUR DATA CORP.

2569 McCabe Way
Irvine, CA 92714
(714) 754-4114
Major Markets: Computer
Manufacturing; Software House;
Dealer/Distributor
Target Industries: OEM; Systems
Houses; General Business
Target Applications: Project
Management; Code Generation
Net Sales: \$5 Million — \$25 Million
(1982)
Contacts:
Head of Sales/Marketing: Robin
Olivier
Geographic Coverage: International
Year Established: 1969
Number of Employees: 200

POLHEMUS NAVIGATION SCIENCES, INC.

River Road
P.O. Box A
Essex Junction, VT 05452
(802) 879-6547
Major Markets: Peripheral
Manufacturing; Maintenance/Other
Services
Target Industries: Military
Net Sales: \$1 Million — \$5 Million
(1982)
Geographic Coverage: International
Year Established: 1976
Number of Employees: 40

POLYMORPHIC SYSTEMS

5730 Thornwood Drive
Santa Barbara, CA 93117
(805) 967-0468

Major Markets: Computer

Manufacturing
Target Industries: Small Business
Target Applications: Business
Net Sales: \$5 Million — \$25 Million
(1981)

Contacts:

Head of Marketing/Sales: Ken Gudis
Head of Software: Lenny Araki
Head of Customer Service:
Jeanette Lawson
Geographic Coverage: International
Year Established: 1975
Number of Employees: 65

POTTER INSTRUMENT CO.

10 Main St.
Gonic, NH 03867
(603) 332-1991
Major Markets: Component
Manufacturing; Data Services
(Service Bureau); Maintenance/Other
Services
Geographic Coverage: National
Number of Employees: 23

PRACTICAL PERIPHERALS, INC.

31245 LaBaya Drive
Westlake Village, CA 91362
(213) 991-8200
Major Markets: Peripheral
Manufacturing
Net Sales: \$1 Million — \$5 Million
(1982)
Contacts:
Head of Marketing: Arnold Okum
Geographic Coverage: International
Year Established: 1981
Number of Employees: 90

PRESEARCH, INC.

Control Concepts Division
2361 S. Jefferson Davis Highway
P.O. Box 2367
Manassas, VA 22110
(800) 368-3078
Major Markets: OEM (Peripherals/
Terminals)
Target Industries: Bank; Insurance;
Education
Target Applications: Remote 3270
Net Sales: \$500,000 — \$1 Million
(1981)
Contacts:
Head of Marketing: Michael Gollobin
Head of Engineering: Roy Peters
Geographic Coverage: International
Year Established: 1963
Number of Employees: 275

PRIAM CORP.

20 W. Montague Expressway
San Jose, CA 95134
(408) 946-4600
Major Markets: OEM (Computer
Systems)
Target Industries: OEM
Contacts:
Head of Marketing: Ben Taniguchi
Head of Engineering: Alonzo A.
Wilson
Geographic Coverage: International
Year Established: 1978
Number of Employees: 700

PRIMAGES, INC.

620 Johnson Ave.
Bohemia, NY 11716
(516) 567-8200
Major Markets: Peripheral
Manufacturing; Maintenance/Other
Services
Target Industries: Computer
Manufacturing

Contacts:

Head of Marketing/Sales: Ted
Reantillo
Head of Software: David Chiang
Head of Engineering: Masi Chu
Geographic Coverage: International
Year Established: 1981
Number of Employees: 30

PRIME COMPUTER, INC.

Prime Park
Natick, MA 01760
(617) 655-8000
Major Markets: Component,
Computer, Terminal, Peripheral and
Communications Equipment
Manufacturing; OEM (Peripherals/
Terminals); Software House,
Maintenance/Other Services
Net Sales: More than \$100 Million
(1981)
Contacts:
Head of Marketing: Robert G.
Claussen
Head of Software: Edward J.
Christiansen
Head of Engineering: Roland D.
Pamper
Geographic Coverage: International
Year Established: 1972
Number of Employees: 5,000

PRINCETON GRAPHIC SYSTEMS

1101-I State Road
Princeton, NJ 08540
(609) 683-1660
Major Markets: Terminal
Manufacturing
Target Industries: Apple/IBM
Personal Computer
Contacts:
Head of Marketing: Kathy Smith
Geographic Coverage: International
Year Established: 1982
Number of Employees: 10

PRINTACOLOR CORP.

5965 Peachtree Corners E.
Norcross, GA 30071
(404) 448-2675
Major Markets: Peripheral
Manufacturing
Target Industries: Manufacturing;
Engineering
Target Applications: CAD/CAM;
Business Graphics
Net Sales: \$1 Million — \$5 Million
(1981)
Contacts:
Head of Marketing: Ben Cornett
Geographic Coverage: International
Year Established: 1980
Number of Employees: 35

PRINTEK, INC.

1517 Townline Road
Benton Harbor, MI 49022
(616) 925-3200
Major Markets: Peripheral
Manufacturing
Contacts:
Head of Marketing: Wayne Ashby
Geographic Coverage: International
Year Established: 1980
Number of Employees: 70

PRINTRONIX, INC.

17500 Cartwright Road
Irvine, CA 92714
(714) 549-7700
Major Markets: Peripheral
Manufacturing

Target Applications: Graphics

Net Sales: \$25 Million — \$100
Million (1981)
Contacts:
Head of Sales/Marketing: Mel Posin
Geographic Coverage: International
Year Established: 1974
Number of Employees: 1,000

PRODUCT DEVELOPMENT SERVICES, INC.

2000 Black Rock Tpk.
Fairfield, CT 06430
(203) 333-5183
Major Markets: Terminal and
Peripheral Manufacturing; OEM
(Computer Systems); OEM
(Peripherals/Terminals); Software
House; Systems House (Commercial
OEM); Maintenance/Other Services
Target Industries: Engineering,
Manufacturing, Power, Medical
Target Applications: Accounting;
Special Terminals, Special
Peripherals; Electric Utilities
Net Sales: \$5 Million — \$25 Million
(1981)
Contacts:
Head of Software: M. Denlinger
Head of Engineering: R. Smith-Vaniz
Geographic Coverage: National
Year Established: 1963
Number of Employees: 48

PROFESSIONAL MICRO SYSTEMS

1422 Industrial Way
P.O. Box 1377
Gardnerville, NV 89410
(702) 782-8105
Major Markets: Peripheral
Manufacturing; OEM (Computer
Systems); Software House; Systems
House (Commercial OEM)
Net Sales: \$5 Million — \$25 Million
(1982)
Contacts:
Head of Marketing/Sales: Sandy
Schepper
Head of Software: David Fitzpatrick
Geographic Coverage: International
Year Established: 1980
Number of Employees: 5

PROMETHEUS PRODUCTS

45277 Fremont Blvd.
Fremont, CA 94538
(415) 490-2320
Major Markets: Component and
Peripheral Manufacturing;
Maintenance/Other Services
Target Industries: Retail
Contacts:
Head of Marketing: Robert
Christiansen
Head of Software/Engineering:
Joseph Brabek
Geographic Coverage: International
Year Established: 1981
Number of Employees: 10

PROTOCOL COMPUTER, INC.

Suite 100
6150 Canoga Ave.
Woodland Hills, CA 91367
(213) 718-5500
Major Markets: Communications
Equipment Manufacturing
Contacts:
Head of Sales/Marketing: Addison
Woods
Geographic Coverage: International
Year Established: 1980

Vendors

PSITECH

2842 C Walnut Ave.
Tustin, CA 92680
(714) 730-0981
Major Markets: Computer and Terminal Manufacturing
Target Industries: Banking; Office; Oil
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing/Sales: Herbert B. Berkwitz
Head of Engineering: Paul Gosselin
Head of Customer Service: Steve Dulsan
Geographic Coverage: National
Year Established: 1976
Number of Employees: 20

DANTEC CORP.

4142 Point Eden Way
Hayward, CA 94545
(415) 887-7777
Major Markets: Component, Computer, Terminal and Peripheral Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals); Software House; Systems House (Commercial OEM); Maintenance/Other Services
Target Industries: Manufacturing; Transportation; Lodging; Retail
Contacts:
Head of Marketing: Mike McCorry
Head of Sales: John Moeller
Head of Software: Troy Lemons
Head of Engineering: Lou Pourmakis
Geographic Coverage: International
Year Established: 1969
Number of Employees: 800

QANTEX DIVISION OF NORTH ATLANTIC INDUSTRIES

60 Plant Ave.
Hauppauge, NY 11788
(516) 582-6500
Major Markets: Peripheral Manufacturing
Target Industries: Computer Related Industries
Geographic Coverage: International
Year Established: 1954
Number of Employees: 200

G1 CORP.

125 Ricefield Lane
Hauppauge, NY 11787
(516) 543-7800
Major Markets: Computer Manufacturing
Contacts:
Head of Marketing: Richard Van Brunt
Geographic Coverage: International
Year Established: 1971
Number of Employees: 20

SUADRAM CORP.

4357 Park Drive
Norcross, GA 30093
(404) 923-6666
Major Markets: Component, Terminal and Peripheral Manufacturing; OEM (Peripherals/Terminals)
Target Industries: Distributors; Retail
Contacts:
Head of Marketing/Sales: Leland Strange
Geographic Coverage: International
Year Established: 1981
Number of Employees: 130

QUADRI CORP.

1725 W. 17th St.
Tempe, AZ 85281
(602) 894-2151
Major Markets: Peripheral Manufacturing
Target Industries: Military
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: International
Year Established: 1968
Number of Employees: 100

QUALEX TECHNOLOGY

Suite 112
6850 Canby Ave.
Redwood, CA 91335
(213) 708-1170
Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals); Maintenance/Other Services
Target Applications: HP 1000, 3000
Geographic Coverage: International
Year Established: 1980
Number of Employees: 25

QUALITY COMPUTER SERVICE

Suite 105
801 S. Victoria No. 104
Ventura, CA 93003
(805) 656-1330
Major Markets: Systems House (Commercial OEM); Dealer/Distributor
Target Industries: Retail; Manufacturing
Geographic Coverage: National
Year Established: 1980
Number of Employees: 8

QUALITY MICRO SYSTEMS, INC.

57 S. Schellinger Road
Mobile, AL 36608
(205) 343-2767
Major Markets: Component Manufacturing
Contacts:
Head of Engineering: John MacNaughton
Head of Customer Service: Don Parker
Geographic Coverage: International
Year Established: 1977
Number of Employees: 115

QUANTUM CORP.

1804 McCarthy Blvd.
Milpitas, CA 95035
(408) 262-1100
Major Markets: Peripheral Manufacturing
Target Industries: OEM; Distribution
Contacts:
Head of Marketing: Steve Berkley
Head of Software: Dale Hiatt
Head of Engineering: David Brown
Geographic Coverage: International
Year Established: 1980
Number of Employees: 350

QUASITRONICS, INC.

211 Vandale Drive
Houston, TX 15342
(412) 745-2663
Major Markets: Component, Computer, Terminal, Peripheral and Communications Equipment Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)
Target Applications: Data Acquisition

Contacts:

Head of Marketing: Victor Sulikowski
Head of Sales: Harry Frost
Head of Engineering: Lucian J. Spalla
Geographic Coverage: International
Year Established: 1971
Number of Employees: 50

QUENTIN RESEARCH, INC.

9207 Eton Ave.
Chatsworth, CA 91311
(213) 709-6500
Major Markets: Component, Peripheral and Communications Equipment Manufacturing
Geographic Coverage: National
Year Established: 1979
Number of Employees: 45

QUME CORP.

2350 Qume Drive
San Jose, CA 95131
(408) 942-4000
Major Markets: Peripheral Manufacturing; Miscellaneous Computer Supplies
Contacts:
Head of Marketing: Randall Hawks
Head of Engineering: Allen McVear
Geographic Coverage: International
Year Established: 1973
Number of Employees: 2,800

QWINT SYSTEMS, INC.

3693 Commercial Ave.
Northbrook, IL 60062
(312) 498-5060
Major Markets: Computer and Peripheral Manufacturing
Contacts:
Head of Marketing: Kerry Berland
Head of Sales: Arnold Jacobs
Head of Engineering: Don Martin
Head of Customer Service: Richard VanBuren
Geographic Coverage: International
Year Established: 1975
Number of Employees: 100

RACAL-DANA INSTRUMENTS, INC.

4 Goodyear St.
P.O. Box C19541
Irvine, CA 92713
(714) 859-8999
Major Markets: Peripheral Manufacturing
Target Industries: Industrial; Aerospace; Military
Target Applications: Automatic Test
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
Head of Marketing: N. Laengrich
Head of Sales: Tom Cannon
Geographic Coverage: International
Year Established: 1961
Number of Employees: 250

RACAL-MILGO, INC.

8600 Northwest 41st St.
Miami, FL 33166
(305) 592-8600
Major Markets: Communications Equipment Manufacturing
Net Sales: More than \$100 Million (1982)
Geographic Coverage: International
Year Established: 1955
Number of Employees: 3,500

RAMTEC CORP.

2211 Lawson Lane
Santa Clara, CA 95050
(408) 988-2211

Major Markets: Terminal Manufacturing; Dealer/Distributor
Target Industries: Engineering; Manufacturing
Target Applications: CAD/CAM; Imaging
Contacts:
Head of Marketing: Peter W. Cassidy
Head of Sales: Tony Clinkas
Geographic Coverage: International
Year Established: 1971
Number of Employees: 525

RANA SYSTEMS

24300 Superior St.
Chatsworth, CA 91311
(213) 709-5484
Major Markets: Peripheral Manufacturing
Target Industries: Manufacturing; Dealer/Distributor
Net Sales: \$100,000 — \$500,000 (1982)
Contacts:
Head of Marketing: Michael Joseph
Geographic Coverage: International
Year Established: 1981
Number of Employees: 100

RASTER TECHNOLOGIES

9 Executive Park Drive
N. Billerica, MA 01862
(617) 667-8900
Major Markets: Component Manufacturing
Target Applications: Graphics
Contacts:
Head of Marketing: Roger Nielson
Head of Engineering: Nathan Parke
Geographic Coverage: International
Year Established: 1981

RAYMOND ENGINEERING, INC.

Raycord Products
217 Smith St.
Middletown, CT 06457
(203) 632-1000
Major Markets: Peripheral Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Bruce Greenfield
Head of Engineering: Fred Ciechowski
Geographic Coverage: International
Year Established: 1938
Number of Employees: 85

RAYTHEON CO.

Raytheon Data Systems Division
115 Norwood Park S.
Norwood, MA 02062
(617) 762-5700
Major Markets: Computer, Terminal, Peripheral, Communications Equipment and Office Equipment Manufacturing; OEM (Peripherals/Terminals); Dealer/Distributor; Maintenance/Other Services
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing: John Hooper
Geographic Coverage: International
Year Established: 1969
Number of Employees: 7,000

RELATIONAL MEMORY SYSTEMS, INC.

1180 Maratona Way
Sunnyvale, CA 94086
(408) 732-5520

Vendors

Major Markets: Computer and Peripheral Manufacturing
Target Industries: Engineering; Manufacturing
Contacts:
Head of Marketing: Mary Modeste
Geographic Coverage: International
Year Established: 1975

RENAISSANCE MARKETING, INC.
P.O. Box 201
Huntington, NY 11743
(516) 271-2389
Major Markets: Peripheral Manufacturing; Data Services (Service Bureau); Dealer/Distributor; Maintenance/Other Services
Target Industries: Service Bureaus
Net Sales: \$100,000 — \$500,000 (1982)
Contacts:
Head of Marketing/Sales: R. J. Murray
Head of Engineering/Customer Service: F. J. DePalma
Geographic Coverage: National
Year Established: 1975
Number of Employees: 11

RENAISSANCE TECHNOLOGY
1045 Detroit Ave.
Concord, CA 94518
(415) 678-5757
Major Markets: Component Manufacturing; Software House; Systems House (Commercial OEM); Dealer/Distributor; Maintenance/Other Services
Target Industries: Store Front Dealers
Contacts:
Head of Marketing/Sales: Barbara Baylor
Head of Engineering: Victor Ivashin
Head of Customer Service: Chris Wilson
Geographic Coverage: National
Year Established: 1980
Number of Employees: 90

REXON BUSINESS MACHINES CORP.
5800 Uplander Way
Culver City, CA 90230
(213) 641-7110
Major Markets: Computer Manufacturing; Systems House (Commercial OEM)
Target Industries: Manufacturing; Health; General Business
Target Applications: WP; DBMS; General Business
Contacts:
Head of Sales: Don Sullivan
Head of Software/Engineering: Bill Ang
Geographic Coverage: International
Year Established: 1978
Number of Employees: 125

R-G-B DESIGNS, INC.
3375 Woodward Ave.
Santa Clara, CA 95050
(408) 748-0400
Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals)
Geographic Coverage: International
Year Established: 1982
Number of Employees: 5

R.H. ELECTRONICS, INC.
566 Irelan Drive
Buellton, CA 93427

(805) 688-2047
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: Chancy Hicks
Year Established: 1980
Number of Employees: 13

RIANDA ELECTRONICS
2535 Via Palma
Anaheim, CA 92801
(714) 995-6552
Major Markets: Computer, Peripheral and Communications Equipment Manufacturing
Target Industries: Data General OEM; DEC OEM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Frank Williams
Head of Engineering: Jose Ventura
Head of Customer Service: Bill Cantwell
Geographic Coverage: International
Year Established: 1977
Number of Employees: 35

RICOF OF AMERICA
20 Gloria Lane
Fairfield, NJ 07006
(201) 575-9550
Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals)
Geographic Coverage: International
Year Established: 1936
Number of Employees: 18,000

RIDGE COMPUTERS
586 Weddell Drive
Sunnyvale, CA 94086
(408) 745-0400
Major Markets: Computer Manufacturing
Target Industries: Engineering; Scientific
Target Applications: CAD; Graphics; Engineering Computation
Contacts:
Head of Marketing: Renay Darsa-Abrams
Head of Sales: William Shooe
Head of Software: Edwin Basart
Head of Engineering: Hugh Martin
Geographic Coverage: CA
Year Established: 1980
Number of Employees: 22

ROCKWELL INTERNATIONAL CORP.
Electronic Devices Division
4311 Jamboree Road
Newport Beach, CA 92660
(714) 833-4522
Major Markets: Component and Communications Equipment Manufacturing
Contacts:
Head of Marketing: C. V. Kovac
Geographic Coverage: International

RODIME CORP.
Suite 6
25801 Obrero
Mission Viejo, CA 92691
(714) 770-3085
Major Markets: Peripheral Manufacturing
Target Industries: OEM
Contacts:
Head of Marketing: Malcolm Dudson
Geographic Coverage: International
Year Established: 1980
Number of Employees: 200

ROSSCOMP CORP.
16643 Valley View Ave.
Cerritos, CA 90701
(213) 926-5533
Major Markets: Peripheral Manufacturing
Net Sales: Less than \$100,000 (1982)
Contacts:
Head of Marketing/Sales: Jose Elaydo
Head of Engineering: Bob Tullos
Geographic Coverage: International
Year Established: 1980
Number of Employees: 20

SANTA CLARA SYSTEMS, INC.
560 Division St.
Campbell, CA 95008
(408) 374-5972
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: Darell Evora
Geographic Coverage: International
Year Established: 1980

SANTEC CORP.
9 Columbia Drive
Amherst, NH 03031
(603) 882-1000
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing/Sales: Ron Bleakney
Geographic Coverage: International
Year Established: 1975
Number of Employees: 80

SANYO BUSINESS SYSTEMS CORP.
51 Joseph St.
Moonachie, NJ 07074
(201) 440-9300
Major Markets: Computer, Terminal, Peripheral and Office Equipment Manufacturing; OEM (Peripherals/Terminals); Software House
Contacts:
Head of Marketing: N. Yamashita
Head of Sales: Arthur Shebar
Head of Customer Service: Mike Zajak
Geographic Coverage: International

SATURN SYSTEMS, INC.
3990 Varsity Drive
Ann Arbor, MI 48104
(313) 973-8422
Major Markets: Peripheral Manufacturing; Software House
Contacts:
Head of Marketing: Randy LeSage
Geographic Coverage: International
Year Established: 1981
Number of Employees: 30

SAYLOR ELECTRONICS INTERNATIONAL
400 Hot Springs Road
Carson City, NV 89701
(702) 883-4184
Major Markets: Peripheral Manufacturing
Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
Head of Marketing/Sales: Jolyne L. Saylor
Head of Software/Engineering: Tom Poole
Geographic Coverage: International
Year Established: 1971
Number of Employees: 7

SCIENCE ACCESSORIES CORP.
970 Kings Highway W.
Southport, CT 06490
(203) 255-1526
Major Markets: Peripheral Manufacturing
Target Industries: Construction; Education; Medical
Target Applications: Graphics; Mapping; CAD/CAM
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing/Sales: Harold Cleveland
Head of Engineering: Richard Rozny
Geographic Coverage: International
Year Established: 1964
Number of Employees: 40

SCIENTIFIC MICRO SYSTEMS
777 E. Middlefield Road
Mountain View, CA 94043
(415) 964-5700
Major Markets: Computer and Peripheral Manufacturing; OEM (Computer Systems); Software House; Systems House (Commercial OEM)
Target Industries: OEM Micro Computer; Scientific
Target Applications: Industrial Control; Small Business Application
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Michael A. Liccardo
Geographic Coverage: International
Year Established: 1970
Number of Employees: 175

SCI SYSTEMS, INC.
5000 Technology Drive
P.O. Box 1006
Huntsville, AL 35807
(205) 882-4800
Major Markets: Component, Computer and Terminal Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM)
Year Established: 1961
Number of Employees: 3,000

SCOTT SYSTEMS, INC.
1 Metropolitan Corp. Center
Marlboro, MA 01752
(617) 481-6371
Major Markets: Terminal Manufacturing; OEM (Computer Systems)
Target Industries: Airline; Banking; OEM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Sam Adams
Geographic Coverage: National
Year Established: 1974
Number of Employees: 50

SD SYSTEMS, INC.
P.O. Box 28810
Dallas, TX 75228
(214) 340-0303
Major Markets: Component and Computer Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals)
Target Industries: General Business
Target Applications: Accounting; WP; Medical

Vendors

Net Sales: \$5 Million — \$25 Million (1981)

Contacts:
Head of Sales: Peter Pennisi
Head of Software/Engineering: Doug Locke
Geographic Coverage: International
Year Established: 1977
Number of Employees: 100

SEAGATE TECHNOLOGY

920 Disc Drive
Scotts Valley, CA 95066
(408) 438-6550
Major Markets: Peripheral Manufacturing; Dealer/Distributor
Net Sales: \$25 Million — \$100 Million (1981)
Geographic Coverage: International
Year Established: 1978
Number of Employees: 1,000

SEATTLE COMPUTER PRODUCTS

1114 Industry Drive
Seattle, WA 98188
(206) 575-1830
Major Markets: Computer Manufacturing
Target Applications: WP
Geographic Coverage: International
Year Established: 1977
Number of Employees: 36

SEIKO INSTRUMENTS U.S.A., INC.

Graphic Device and System Division
Suite 140
2620 Augustine Drive
Santa Clara, CA 95051
(408) 727-0768
Major Markets: Terminal and Peripheral Manufacturing
Target Industries: Engineering
Target Applications: Graphics
Contacts:
Head of Marketing: Andrew Wei
Geographic Coverage: National
Year Established: 1981

SEIMDISK SYSTEMS

P.O. Box GG
Beaverton, OR 97075
(503) 642-3100
Major Markets: Peripheral Manufacturing
Target Industries: OEM; Micro Software Developing
Contacts:
Head of Sales: Ray Pear
Geographic Coverage: International
Year Established: 1981
Number of Employees: 5

S. GOLLMAN CO.

Distributed Logic Technology
132 Candace Drive
Maitland, FL 32751
(305) 830-5522
Major Markets: Component Manufacturing; Software House; Maintenance/Other Services
Target Industries: Engineering; Manufacturing
Net Sales: \$100,000 — \$500,000 (1982)
Contacts:
Head of Marketing/Sales: Gary Redwine
Head of Software: Steve Braiman
Head of Engineering/Customer Service: Steve Robalino
Geographic Coverage: National
Year Established: 1979
Number of Employees: 15

SHUGART ASSOCIATES, INC.

475 Oakmead Parkway
Sunnyvale, CA 94086
(408) 733-0100
Major Markets: Component and Peripheral Manufacturing
Target Applications: WP; Small Business
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing: George H. Sullivan
Head of Software: Thomas Gadhner
Head of Engineering: Carl Neun
Geographic Coverage: International
Year Established: 1973
Number of Employees: 3,200

SIDERAL CORP.

9600 S.W. Barnes Road
Portland, OR 97225
(503) 297-5531
Major Markets: Terminal and Communications Equipment Manufacturing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: James Miller
Head of Sales: Richard A. Becher
Head of Engineering: V. Ole Kilgore
Head of Customer Service: Robert Blake
Geographic Coverage: National
Year Established: 1971
Number of Employees: 160

SIERRA INFORMATION SYSTEMS CORP.

455 Cayuga Drive
P.O. Box 222
Buffalo, NY 14225
(716) 631-8200
Major Markets: Terminal, Peripheral and Communications Equipment Manufacturing
Target Industries: Manufacturing
Target Applications: Data Entry
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
Head of Sales: Roy H. Hobson
Head of Software: Edwin L. Hill
Head of Engineering: Mike Rupp
Geographic Coverage: International
Year Established: 1969
Number of Employees: 100

SIGMA DESIGNS, INC.

Suite F-23
2990 Scott Blvd.
Santa Clara, CA 95050
(408) 496-0536
Major Markets: Component and Peripheral Manufacturing
Target Applications: IBM Personal Computer users
Contacts:
Head of Marketing: Steve Weingarten
Geographic Coverage: National
Year Established: 1982
Number of Employees: 15

SIGMA INFORMATION SYSTEMS, INC.

6505 Serrano Ave.
Anaheim, CA 92807
(714) 974-0166
Major Markets: Peripheral Manufacturing
Net Sales: \$1 Million — \$5 Million (1982)
Geographic Coverage: International

Year Established: 1980
Number of Employees: 25

SILVER-REED AMERICA, INC.

8665 Hayden Place
Culver City, CA 90230
(213) 837-6104
Major Markets: Peripheral and Office Equipment Manufacturing
Contacts:
Head of Sales: Bill Eberhardt
Head of Customer Service: Tanny Palmese
Geographic Coverage: International
Year Established: 1977
Number of Employees: 200

SINGER DATA PRODUCTS

2351 Devon St.
Elk Grove Village, IL 60007
(312) 860-6500
Major Markets: Computer and Peripheral Manufacturing
Target Industries: OEM
Contacts:
Head of Sales: Ron Wilson
Geographic Coverage: International
Year Established: 1958
Number of Employees: 1,300

SMC SIGOM

981 Rt. 22 W.
Bridgewater, VT 08007
(201) 685-0070
Major Markets: Computer and Peripheral Manufacturing; Software House
Contacts:
Head of Marketing: Ken Reifer
Geographic Coverage: International
Year Established: 1982
Number of Employees: 25

SCM CORP.

Smith-Corona Division
65 Locust Ave.
New Canaan, CT 06840
(203) 972-1471
Major Markets: Peripheral and Office Equipment Manufacturing; Miscellaneous Computer Supplies
Target Industries: Small Business; Personal Use; Office; Business
Contacts:
Head of Marketing: Mort Gutman
Geographic Coverage: International
Year Established: 1905
Number of Employees: 25,500

SMOKE SIGNAL BROADCASTING

31336 Via Colinas St.
Westlake Village, CA 91362
(213) 889-9340
Major Markets: Computer Manufacturing; Systems House (Commercial OEM)
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Jim Alday
Head of Sales: Jim Alday
Head of Engineering: Ken Erickson
Geographic Coverage: International
Year Established: 1976
Number of Employees: 20

SOLTEC CORP.

11684 Pendleton St.
Sun Valley, CA 91352
(213) 767-0044
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: Gary Pursor

Geographic Coverage: International
Year Established: 1960
Number of Employees: 50

SONY COMMUNICATIONS PRODUCTS CO.

Microcomputer Division
1 Sony Drive
Park Ridge, NJ 07656
(201) 930-1000
Major Markets: Computer, Terminal and Peripheral Manufacturing
Geographic Coverage: National
Year Established: 1981

SOROC TECHNOLOGY, INC.

161 Freedom Ave.
Anaheim, CA 92801
(714) 992-2860
Major Markets: Terminal Manufacturing
Target Industries: OEM; End Users
Contacts:
Head of Marketing: Joe Zedalis
Head of Engineering: Herb Higashi
Geographic Coverage: International
Year Established: 1975
Number of Employees: 75

SORRENTO VALLEY ASSOCIATES

11722-D Sorrento Valley Road
San Diego, CA 92121
(714) 452-0101
Major Markets: Peripheral Manufacturing; Maintenance/Other Services
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Jeff Clark
Head of Sales: Elizabeth Marr
Head of Customer Service: Jeannette Wills
Geographic Coverage: International
Year Established: 1973
Number of Employees: 25

SOUTHERN SYSTEMS, INC.

2841 Cypress Creek Road
FL Lauderdale, FL 33309
(800) 237-5904
Major Markets: Peripheral and Communications Equipment Manufacturing; OEM (Peripherals/Terminals); Maintenance/Other Services
Target Industries: Printer Users; Small System Houses; Small Business System User; Mainframe System User
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: James W. Rule
Head of Sales: Donald R. Dooley
Head of Engineering: Ronald Murr
Geographic Coverage: International
Year Established: 1975
Number of Employees: 50

SPECTRA LOGIC CORP.

1227 Innsbruck
Sunnyvale, CA 94086
(408) 744-0930
Major Markets: Component Manufacturing
Target Industries: OEM
Contacts:
Head of Marketing: Steve Robert
Head of Sales: Robert Carter
Head of Engineering: Harvey Wallace
Geographic Coverage: International
Year Established: 1980
Number of Employees: 40

Vendors

SPECTRA SYSTEMS, INC.

Suite A-4
3841 Old Conejo Road
Newbury Park, CA 91320
(805) 499-4324
Major Markets: Computer and Terminal Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM)
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
Head of Marketing/Sales: Al Coulter
Geographic Coverage: International
Year Established: 1978
Number of Employees: 55

SPERRY CORP.

Sperry Univac Division
Township Line and Union Meeting Road
P.O. Box 500
Blue Bell, PA 19424
(215) 542-4011
Major Markets: Component, Computer, Terminal, Peripheral and Communications Equipment
Manufacturing: OEM (Computer Systems); Software House; Maintenance/Other Services
Target Industries: Manufacturing; Public Sector; Distribution; Airlines
Net Sales: \$100,000 — \$500,000 (1981)
Contacts:
Head of Marketing: Joseph Ciasullo
Geographic Coverage: International
Year Established: 1962
Number of Employees: 48,000

SPUR PRODUCTS CORP.

1904 Centinela Ave.
Los Angeles, CA 90025
(213) 626-4595
Major Markets: Component Manufacturing
Net Sales: \$500,000 — \$1 Million (1981)
Contacts:
Head of Marketing: Ray Lorenz
Geographic Coverage: International
Year Established: 1972
Number of Employees: 13

SSM MICROCOMPUTER PRODUCTS, INC.

2190 Paragon Drive
San Jose, CA 95131
(408) 946-7400
Major Markets: Component, Peripheral and Communications Equipment Manufacturing; Software House
Target Applications: Datacomm
Contacts:
Head of Marketing: D. Wertzberger
Head of Engineering: Malcolm Wright
Geographic Coverage: International
Year Established: 1974
Number of Employees: 50

STANDARD ENGINEERING CORP.

44800 Industrial Drive
Fremont, CA 94538
(415) 857-7555
Major Markets: Component, Peripheral, Special Systems and Communications Equipment Manufacturing; OEM (Computer Systems)
Target Industries: Manufacturing
Target Applications: Process Control; Industrial Control; Instrumentation

Net Sales: \$1 Million — \$5 Million (1981)

Contacts:

Head of Marketing: Donald Little
Head of Sales: Del Settle
Head of Engineering: Gerald Budelman
Geographic Coverage: International
Year Established: 1972
Number of Employees: 60

STANDUN CONTROLS, INC. (S.C.I.)

Micro-Sci
2158 S. Hathaway
Santa Ana, CA 92705
(714) 662-2801
Major Markets: Peripheral Manufacturing; Software House
Net Sales: \$500,000 — \$1 Million (1982)
Contacts:
Head of Marketing/Sales: Timothy Hanson
Geographic Coverage: International
Year Established: 1980
Number of Employees: 30

STAR MICRONICS, INC.

Suite 2309
200 Park Ave.
New York, NY 10166
(212) 986-6770
Major Markets: Component and Peripheral Manufacturing
Target Industries: OEM
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
Head of Sales: Thomas Bongiorno
Geographic Coverage: International
Year Established: 1976
Number of Employees: 12

STAR TECHNOLOGIES

3180 Pullman St.
Costa Mesa, CA 92626
(714) 557-8640
Major Markets: Peripheral Manufacturing; OEM (Computer Systems)
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: National
Year Established: 1976
Number of Employees: 28

STORAGE TECHNOLOGY CORP.

2270 S. 88th St.
Louisville, CO 80028
(303) 673-5151
Major Markets: Component, Peripheral and Communications Equipment Manufacturing; OEM (Computer Systems); Software House; Systems House (Commercial OEM)
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing/Sales: Jake Scott
Head of Customer Service: H. Derby
Year Established: 1969
Number of Employees: 15,000

STRATUS COMPUTER, INC.

17 Strathmore Road
Natick, MA 01760
(617) 653-1466
Major Markets: Computer Manufacturing; OEM (Peripherals/Terminals); Software House
Target Applications: Transaction Processing

Contacts:

Head of Marketing/Sales: John Morridge
Head of Software: Bob Freiburghouse
Head of Engineering: Gardner Hendrie
Head of Customer Service: Jim Schroeder
Geographic Coverage: International
Year Established: 1980
Number of Employees: 110

STROBE, INC.

897 Independence Ave.
Bldg. 5A
Mountain View, CA 94043
(415) 969-5130
Major Markets: Peripheral Manufacturing
Target Applications: Chart Plotting, Business Graphics
Contacts:
Head of Marketing: Russ Hebert
Geographic Coverage: National
Year Established: 1978
Number of Employees: 20

SUMMACGRAPHICS CORP.

35 Brentwood Ave.
Fairfield, CT 06430
(203) 384-1344
Major Markets: Peripheral Manufacturing; Systems House (Commercial OEM)
Target Industries: AEC; Manufacturing
Target Applications: CAD/CAM; Mapping, Data Entry, CRT Cursor Control
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Frank K. Garvey
Head of Sales: Anthony Joyce
Head of Software: David Graft
Head of Engineering: Anthony DiPentima
Head of Customer Service: Russ Cox
Geographic Coverage: International
Year Established: 1972
Number of Employees: 400

SUN-FLEX CO., INC.

20 Pimental Court
Novato, CA 94947
(415) 883-1221
Major Markets: Component and Peripheral Manufacturing
Target Industries: Video; OEM; Retail Sales
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
Head of Marketing: Douglas Rosestone
Geographic Coverage: International
Year Established: 1978
Number of Employees: 80

SYNAPSE COMPUTER CORP.

801 Buckeye Court
Mipitas, CA 95035
(408) 946-3191
Major Markets: Computer Manufacturing; Software House; Maintenance/Other Services
Target Industries: Banking; Library Services
Target Applications: Transaction Processing
Contacts:
Head of Marketing/Sales: Stanton Joseph

Head of Software/Engineering: Elliot Nestle
Head of Customer Service: Jay Denny
Year Established: 1980
Number of Employees: 80

SYNTEST CORP.

40 Locke Drive
Marlboro, MA 01752
(617) 481-7827
Major Markets: Peripheral Manufacturing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
Head of Marketing: Curtis P. Hoffman
Geographic Coverage: International
Year Established: 1971
Number of Employees: 20

SYQUEST TECHNOLOGY, INC.

47923 Warm Spring Blvd.
Fremont, CA 94538
(415) 490-7511
Major Markets: Peripheral Manufacturing
Contacts:
Head of Marketing: Larry Sarisky
Geographic Coverage: International
Year Established: 1982
Number of Employees: 40

SYSGEN

47853 Warm Spring Blvd.
Fremont, CA 94538
Major Markets: Component and Peripheral Manufacturing
Target Industries: OEM System Integrators; Retail
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing: Dick Newsome
Head of Sales: Nick Horn
Head of Engineering: Richard Tam
Head of Customer Service: Norman Lo
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20

SYSTECH, INC.

6150 Joliet Road
Countryside, IL 60525
Major Markets: Software House; Systems House (Commercial OEM); Data Services (Service Bureau)
Target Industries: Manufacturing; Wholesale; Distribution
Target Applications: Order Entry; MRP; Accounting; Purchasing
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
Head of Marketing: Tracey Coop
Head of Software: Elliot Welsh
Geographic Coverage: International
Year Established: 1977
Number of Employees: 20

SYSTEMATIC COMPUTER SERVICES, INC.

680A Alpha Drive
Cleveland, OH 44143
(216) 461-7027
Major Markets: Peripheral Manufacturing; OEM (Computer Systems); Maintenance/Other Services
Target Industries: Engineering; Automotive; Aerospace
Net Sales: \$500,000 — \$1 Million (1981)

Vendors

Geographic Coverage: International
Year Established: 1971
Number of Employees: 14

SYSTEM INDUSTRIES, INC.

1855 Barber Lane
 Milpitas, CA 95035
 (408) 942-1212
Major Markets: Peripheral
 Manufacturing
Net Sales: \$25 Million — \$100
 Million (1981)
Contacts:
 Head of Sales: D.K. Winton
Geographic Coverage: International
Year Established: 1969
Number of Employees: 500

SYSTEM INTEGRATORS, INC.

P.O. Box 13626
 Sacramento, CA 95853
 (916) 929-9451
Major Markets: Terminal
 Manufacturing, OEM (Computer
 Systems)
Target Industries: Publishing
Target Applications: WP; Text
 Publishing
Net Sales: \$5 Million — \$25 Million
 (1982)
Contacts:
 Head of Marketing: Robert Clarke
 Head of Sales: Al Edwards
Geographic Coverage: International
Year Established: 1974
Number of Employees: 280

SYSTEMS GROUP

1601 Orangewood Ave.
 Orange, CA 92668
 (714) 633-4460
Major Markets: Computer
 Manufacturing, OEM (Computer
 Systems), Software House,
 Maintenance/Other Services
Net Sales: \$5 Million — \$25 Million
 (1982)
Contacts:
 Head of Marketing: Dave Jenoss
Geographic Coverage: International
Year Established: 1978
Number of Employees: 50

SYSTEMS RESEARCH, INC.

2400 Science Pkwy.
 Okemos, MI 48864
 (517) 349-0200
Major Markets: Component and
 Communications Equipment
 Manufacturing, OEM (Computer
 Systems)
Target Applications:
 Telecommunications
Net Sales: \$5 Million — \$25 Million
 (1981)
Geographic Coverage: International
Year Established: 1967
Number of Employees: 150

TAB PRODUCTS CO.

1400 Page Mill Road
 Palo Alto, CA 94304
 (415) 858-2500
Major Markets: Computer, Terminal,
 Peripheral, Communications
 Equipment and Office Equipment
 Manufacturing, Miscellaneous
 Computer Supplies
Target Applications: Data Entry
 (Micros)
Net Sales: \$5 Million — \$25 Million
 (1981)
Contacts:
 Head of Marketing: Robert Stroh
 Head of Sales: Phil Croel

Geographic Coverage: National
Year Established: 1949
Number of Employees: 1,000

TAIHAN ELECTRIC WIRE CO., LTD.

Data Device Division
 2020 Jencho Tnpk.
 New Hyde Park, NY 11040
 (516) 437-8100
Major Markets: Terminal
 Manufacturing
Target Industries: Distribution
Contacts:
 Head of Marketing: H.C. Ham
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20,000

TALLGRASS TECHNOLOGIES CORP.

11667 W. 90th St.
 Overland Park, KS 66214
 (913) 492-6002
Major Markets: Peripheral
 Manufacturing
Contacts:
 Head of Marketing: Steve Volk
Geographic Coverage: International
Year Established: 1980
Number of Employees: 20

TALL TREE SYSTEMS

1036 Los Altos Ave.
 Los Altos, CA 94022
 (415) 941-5500
Major Markets: Peripheral
 Manufacturing
Target Industries: Retail
Net Sales: Less than \$100,000
 (1982)
Geographic Coverage: International
Year Established: 1974
Number of Employees: 5

TANDBERG DATA, INC.

1 Laticia Court
 P.O. Box 99
 Armonk, NY 10504
 (914) 273-6400
Major Markets: Dealer/Distributor
Geographic Coverage: International
Year Established: 1982
Number of Employees: 8

TANDBERG DATA STORAGE, INC.

Data Storage Division
 571 N. Poplar St.
 Orange, CA 92668
 (714) 978-6771
Major Markets: Peripheral
 Manufacturing
Target Industries: OEM
Contacts:
 Head of Marketing: Ray Rogers
Geographic Coverage: International
Year Established: 1982
Number of Employees: 4

TANDEM COMPUTERS, INC.

19333 Valico Pkwy.
 Cupertino, CA 95014
 (408) 725-6000
Major Markets: Computer and
 Terminal Manufacturing; Software
 House
Contacts:
 Head of Marketing: David Mackie
 Head of Sales: Jerry Peterson
 Head of Software/Engineering: Larry
 Launch
 Head of Customer Service: Jerry
 Everett
Geographic Coverage: International

Year Established: 1974
Number of Employees: 4,000

TANDON CORP.

20320 Prairie St.
 Chatsworth, CA 91311
 (213) 993-6644
Major Markets: Peripheral
 Manufacturing
Target Industries: Computer OEM
Target Applications: General Data
 Storage
Net Sales: \$25 Million — \$100
 Million (1981)
Contacts:
 Head of Sales: Jeff Segers
 Head of Engineering: Kenneth R.
 Fannin
Geographic Coverage: International
Year Established: 1975
Number of Employees: 3,000

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WEST

Denver.....(303) 694-1662
 Phoenix.....(602) 243-6601
 San Diego.....(619) 268-1201
 Sunnyvale.....(408) 773-9990

TANDY CORP.

Radio Shack
 1800 One Tandy Center
 Fort Worth, TX 76102

(817) 390-3011

Major Markets: Computer, Terminal,
 Peripheral and Communications
 Equipment Manufacturing; OEM
 (Computer Systems); Software
 House; Dealer/Distributor;
 Maintenance/Other Services
Target Industries: Legal; Medical;
 Real Estate; General Business
Net Sales: More than \$100 Million
 (1982)

Contacts:

Head of Marketing: Ron Stagell
Geographic Coverage: International
Year Established: 1921
Number of Employees: 27,000

TARBELL ELECTRONICS

Suite B
 950 Dovlen Place
 Carson, CA 90746
 (213) 538-4251
Major Markets: Component and
 Computer Manufacturing; OEM
 (Computer Systems); Software
 House; Systems House (Commercial
 OEM)
Net Sales: \$1 Million — \$5 Million
 (1981)
Contacts:
 Head of Marketing: Donald E. Tarbell
Geographic Coverage: National
Year Established: 1976
Number of Employees: 10

TDC

203 E. Main St.
 Riverton, WY 82501
 (307) 856-1111
Major Markets: Peripheral
 Manufacturing
Contacts:
 Head of Marketing: Lois Wilczewski
Geographic Coverage: International
Year Established: 1979
Number of Employees: 18

TEAC CORP. OF AMERICA

7733 Telegraph Road
 Montebello, CA 90640
 (213) 726-0303
Major Markets: Peripheral
 Manufacturing
Contacts:
 Head of Marketing: Barry Goldman
Geographic Coverage: International
Year Established: 1963
Number of Employees: 125

TEATRONICS, INC.

101-D Suburban Road
 San Luis Obispo, CA 93401
 (805) 544-3555
Major Markets: Component
 Manufacturing; OEM (Computer
 Systems); Maintenance/Other
 Services
Target Industries: Theater;
 Entertainment; Theatrical
Target Applications: Lighting
 Control
Net Sales: \$1 Million — \$5 Million
 (1982)
Contacts:
 Head of Sales: Kathy Mooney
 Head of Software: Paul Rabinovitz
 Head of Engineering: Rand Pitchford
Geographic Coverage: International
Year Established: 1971
Number of Employees: 25

TECHNICAL ANALYSIS CORP.

120 W. Wiecua Road, NE
 Atlanta, GA 30042
 (404) 252-1045

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Major Markets: Component and Communications Equipment Manufacturing; OEM (Peripherals/Terminals); Software House; Systems House (Commercial OEM)
Target Industries: Theater
Accountants
Target Applications: Accounting; Graphics
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Robert J. Zack
 Head of Sales: Gerald W. Buran
Geographic Coverage: National
Year Established: 1965
Number of Employees: 60

TECHNICAL MICRO SYSTEMS
 2101 S. Standard Ave.
 Santa Ana, CA 92701
 (714) 549-3991
Major Markets: Peripheral Manufacturing; Test Equipment
Geographic Coverage: National
Year Established: 1976
Number of Employees: 5

TECHNICO, INC.
 2901 Druid Park Drive
 Columbia, MD 21215
 (301) 669-1400
Major Make
 Manufacturing; Software House
Target Industries: Education; Small Business; Industrial Application
Target Applications: Training; Office Applications
Net Sales: \$1 Million — \$5 Million (1981)
Geographic Coverage: National
Year Established: 1976
Number of Employees: 10

TECHTRAN INDUSTRIES, INC.
 200 Commerce Drive
 Rochester, NY 14623
 (716) 334-9640
Major Markets: Peripheral and Communications Equipment Manufacturing; Maintenance/Other Services
Target Industries: Telephone
Target Applications: Data Storage; Message Recording
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing/Engineering: Robert Wagner
 Head of Sales: Ray Smith
Geographic Coverage: International
Year Established: 1968
Number of Employees: 120

TEC, INC.
 Peripheral Products Division
 2727 N. Fairview Ave.
 P.O. Box 5646
 Tucson, AZ 85703
 (602) 792-2230
Major Markets: Component, Terminal and Peripheral Manufacturing
Target Industries: OEM
Target Applications: Data Entry; Access Control; Security Application
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: W. Selders
 Head of Sales/Customer Service: Lloyd Schiller
 Head of Engineering: Bob Moore
Geographic Coverage: International

Year Established: 1958
Number of Employees: 625

TECUMAR, INC.
 23600 Mercantile Road
 Cleveland, OH 44122
 (216) 464-7410
Major Markets: Computer and Peripheral Manufacturing
Target Industries: Personal Computing; Scientific; Manufacturing
Target Applications: Industrial Control
Contacts:
 Head of Sales: John Brandon
 Head of Software: Kenneth Stern
 Head of Engineering: David Cwynar
Geographic Coverage: International
Year Established: 1975
Number of Employees: 70

TECSTOR, INC.
 16161 Gothard St.
 Huntington Beach, CA 92647
 (714) 942-0077
Major Markets: Peripheral Manufacturing
Contacts:
 Head of Marketing: Joe Molina
 Head of Sales: R. Clay Mallard
Geographic Coverage: National
Year Established: 1979
Number of Employees: 65

TEKTRONIX, INC.
 P.O. Box 500
 Beaverton, OR 97077
 (503) 627-7111
Major Markets: Component, Computer, Terminal, Peripheral and Communications Equipment Manufacturing; Software House; Maintenance/Other Services
Target Industries: Engineering; Manufacturing; Television
Target Applications: Test & Measurement; Graphics
Net Sales: More than \$100 Million (1981)
Geographic Coverage: International
Year Established: 1946
Number of Employees: 22,000

TELCOM INDUSTRIES, INC.
 1401 NW 69th St.
 Ft. Lauderdale, FL 33309
 (305) 971-2250
Major Markets: Computer, Terminal, Peripheral and Communications Equipment Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals); Software House
Target Industries: Newspaper; Telecommunications
Contacts:
 Head of Marketing/Sales: Ian Moss
 Head of Software: George Gruber
 Head of Engineering: Rod Narnen
 Head of Customer Service: Karen Irwin
Geographic Coverage: International
Year Established: 1969
Number of Employees: 100

TELECOM TERMINAL SYSTEMS
 3877 Grandview Blvd.
 Los Angeles, CA 9006
 (213) 390-9494
Major Markets: Terminal Manufacturing
Target Industries: Banking; Airlines
Contacts:
 Head of Marketing: Leonard Winters

Head of Sales: Robert Crowley
 Head of Software/Engineering: Bernie Winters
Geographic Coverage: International
Year Established: 1955
Number of Employees: 15

TELETRONIC, INC.
 Suite B
 2759 S. Third West
 Salt Lake City, UT 84115
 (801) 486-9266
Major Markets: Component, Computer and Communications Equipment Manufacturing; OEM (Computer Systems); Software House; Systems House (Commercial OEM); Dealer/Distributor; Maintenance/Other Services
Target Industries: Hospitality; Telephone
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing: David J. Gray
 Head of Software: Bill Larkin
 Head of Engineering: Susan Sandberg
Geographic Coverage: National
Year Established: 1979
Number of Employees: 24

TELETYPE CORP.
 17131 Daimler St.
 Irvine, CA 92714
 (714) 557-6660
Major Markets: Computer Manufacturing
Contacts:
 Head of Marketing: Jim Nishry
 Head of Sales: C. DeGabriello
 Head of Engineering: D. Bello
Geographic Coverage: International
Year Established: 1969
Number of Employees: 70

TELERAM COMMUNICATIONS CORP.
 2 Corp. Park Drive
 White Plains, NY 10604
 (914) 694-9270
Major Markets: Computer and Terminal Manufacturing
Target Industries: Newspapers; Graphic Arts
Target Applications: Text Editing
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Robert Schwebel
 Head of Sales: Jerry Gallagher
 Head of Engineering: John K. Koffel
Geographic Coverage: National
Year Established: 1973
Number of Employees: 70

TELERAY
 Control Systems Division
 P.O. Box 24064
 Minneapolis, MN 55424
 (612) 941-3300
Major Markets: Terminal Manufacturing
Target Industries: Education; Telecommunications
Target Applications: Information Processing; Data Processing
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Engineering: John Belmand
Geographic Coverage: International
Year Established: 1972
Number of Employees: 120

TELESENSORY SYSTEMS, INC.
 3408 Hillview Ave.
 Palo Alto, CA 94304
 (415) 493-2626
Major Markets: Terminal and Peripheral Manufacturing
Target Applications: Terminals For The Blind
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: James Bronson
Geographic Coverage: International
Year Established: 1971
Number of Employees: 150

TELETYPE CORP.
 5555 Touhy Ave.
 Skokie, IL 60077
 (312) 982-2000
Major Markets: Terminal and Peripheral Manufacturing; Dealer/Distributor
Target Industries: Communications; Government; Data Communications
Net Sales: More than \$100 Million (1982)
Contacts:
 Head of Marketing: Dan Printz
Geographic Coverage: International
Year Established: 1907
Number of Employees: 5,000

TELEVIDEO SYSTEMS, INC.
 1170 Morse Ave.
 Sunnyvale, CA 94086
 (408) 745-7760
Major Markets: Computer and Terminal Manufacturing
Target Industries: Small Business; Home/Hobby
Contacts:
 Head of Marketing: R. DuBridge
 Head of Sales: Mark Siegal
 Head of Software: Ernie Holland
Geographic Coverage: International
Year Established: 1977
Number of Employees: 525

TELEX COMPUTER PRODUCTS, INC.
 6422 E. 41st St.
 Tulsa, OK 74135
 (918) 627-1111
Major Markets: Terminal and Peripheral Manufacturing
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Marketing/Sales: Roy King
 Head of Sales: Douglas Kendrick
Geographic Coverage: International
Year Established: 1966
Number of Employees: 2,000

TELEX COMPUTER PRODUCTS, INC.
 General Computer Systems Division
 16509 Addison Road
 P.O. Box 128
 Dallas, TX 75248
 (214) 931-8511
Contacts:
 Head of Marketing: Mike Witgen
Geographic Coverage: International
Year Established: 1968
Number of Employees: 50

TELPAR, INC.
 4132 Billy Mitchell Road
 Addison, TX 75001
 (214) 233-6631

Vendors

Major Markets: Terminal and Peripheral Manufacturing
Target Industries: Electronics; OEM
Geographic Coverage: International
Year Established: 1972
Number of Employees: 20

TELXON CORP.
 3330 W. Market St.
 Akron, OH 44313
 (216) 867-3700
Major Markets: Terminal Manufacturing
Geographic Coverage: International
Year Established: 1969
Number of Employees: 400

TERMIFLEX CORP.
 18 Airport Road
 Nashua, NH 03063
 (603) 889-3883
Major Markets: Peripheral Manufacturing
Target Industries: Aerospace; Military; OEM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: C. R. Teeple
 Head of Sales: Mark Simons
 Head of Engineering: Paul Smola
Geographic Coverage: International
Year Established: 1975
Number of Employees: 39

TERMINAL DATA CORP.
 11878 Coakley Circle
 Rockville, MD 20852
 (301) 881-7555
Major Markets: Peripheral and Office Equipment Manufacturing; Dealer/Distributor; Miscellaneous Computer Supplies
Contacts:
 Head of Marketing: Mark Teitelbaum
Geographic Coverage: National
Year Established: 1971
Number of Employees: 10

TERM-TRONICS
 7408 Trade St.
 San Diego, CA 92121
 (619) 271-1770
Major Markets: OEM (Peripherals/Terminals)
Target Industries: Banking; Retail; Manufacturing
Target Applications: Data Entry
Net Sales: \$500,000 — \$1 Million (1982)
Contacts:
 Head of Marketing: Robert M. Beaver
 Head of Software: James K. Clements
 Head of Engineering: Steven P. Sweeney
 Head of Customer Service: Dale Abbott
Geographic Coverage: International
Year Established: 1980
Number of Employees: 47

TEXAS INSTRUMENTS, INC.
 Data Systems Group
 12501 Research Blvd.
 P.O. Box 2909
 Austin, TX 78769
 (512) 250-7111
Major Markets: Component, Computer, Terminal, Peripheral and Communications Equipment Manufacturing
Net Sales: More than \$100 Million (1981)

Contacts:
 Head of Marketing: Tom Ellis
 Head of Engineering: George H. Heilmeyer
Geographic Coverage: International
Year Established: 1930
Number of Employees: 80,000

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 Sunnyvale.....(408) 773-9990

THOMAS ENGINEERING
 1040 Oak Grove Road
 Concord, CA 94518
 (415) 680-8640
Major Markets: Computer Manufacturing
Contacts:
 Head of Marketing: Richard Mondloch
 Head of Engineering: Douglas Broadwell
Geographic Coverage: International
Year Established: 1976
Number of Employees: 20

THOUGHTWORKS, INC.
 3532 W. Thomas Road

Phoenix, AZ 85019
 (602) 269-6841
Major Markets: Computer and Peripheral Manufacturing; OEM (Computer Systems); Systems House (Commercial OEM)
Target Industries: Military; Education
Target Applications: Office Automation; Education
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Sales/Marketing: Roy Evans
Geographic Coverage: Regional
Year Established: 1978
Number of Employees: 18

3M CO.
 Telecommunications Products Division
 3M Center
 St. Paul, MN 55144
 (612) 733-1110
Major Markets: Terminal and Communications Equipment Manufacturing; OEM (Computer Systems)
Geographic Coverage: International
Year Established: 1902

3M CO.
 Data Recording Products
 3M Center
 Bldg. 223-5N
 St. Paul, MN 55144
 (612) 733-1338
Major Markets: Peripheral Manufacturing; Magnetic Media
Target Applications: Magnetic media
Contacts:
 Head of Marketing: Curtis Koefod
 Head of Sales: Gerald R. Wallin
Geographic Coverage: International
Year Established: 1970

TOSHIBA AMERICA, INC.
 2441 Michelle Drive
 Tustin, CA 92680
 (714) 730-5000
Major Markets: Computer, Peripheral and Office Equipment Manufacturing
Target Industries: Small Business; Large Business
Contacts:
 Head of Marketing: James Getzinger
 Head of Sales: Phil Vertin
 Head of Software: Sorel Reisman
 Head of Customer Service: Larry Miller
Geographic Coverage: National
Year Established: 1981
Number of Employees: 60

TRAK MICROCOMPUTER CORP.
 1511 Ogden Ave.
 Downers Grove, IL 60515
 (312) 968-1716
Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals)
Target Industries: OEM; Computer Dealers; System Integrators; Computer Distributors
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing: Brian Gustafson
Geographic Coverage: International
Year Established: 1981
Number of Employees: 15

TRANSIAC CORP.
 2375 Garcia Ave.
 Mountain View, CA 94043
 (415) 969-0151
Major Markets: Terminal and Peripheral Manufacturing
Target Industries: End Users; Scientific; Education; R&D
Contacts:
 Head of Marketing: Paul Alley
 Head of Sales: Ken Hahn
 Head of Engineering: Alan Broad
 Head of Customer Service: Matt Miller
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20

TRANS-LUX CORP.
 110 Richards Ave.
 Norwalk, CT 06854
 (203) 853-4321
Major Markets: Terminal Manufacturing
Net Sales: \$25 Million — \$100 Million (1982)
Contacts:
 Head of Marketing: Frank Crocker
 Head of Sales: K. Hirschauer
 Head of Engineering: Charles Holloman
 Head of Customer Service: F. Daniels
Geographic Coverage: National
Year Established: 1920
Number of Employees: 550

TRANSTAR
 Omega Northwest, Inc.
 2110 116 Ave. N.E.
 P.O. Box C-96975
 Bellevue, WA 98009
 (206) 454-9250
Major Markets: Peripheral Manufacturing
Target Industries: Retail
Contacts:
 Head of Marketing: Jack Shriver
 Head of Sales: Katherine James
 Head of Customer Service: John Schutermaker
Geographic Coverage: National
Year Established: 1981
Number of Employees: 20

TRANSWAVE CORP.
 Computer Division
 Cedar Valley Facility
 P.O. Box 489
 Vanderbilt, PA 15486
 (412) 628-6303
Major Markets: Component, Computer and Peripheral Manufacturing; Systems House (Commercial OEM)
Target Industries: Process Control; Energy Management
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing/Sales: J. D. Russell
 Head of Software: J. S. Sumey
 Head of Engineering: H. R. Sampey
 Head of Customer Service: Donna Bartko
Geographic Coverage: International
Year Established: 1975
Number of Employees: 30

TRANTRON SYSTEMS LTD.
 Suite 1
 4432 Enterprise St.
 Fremont, CA 94538
 (415) 490-3441

Vendors

Major Markets: Peripheral Manufacturing
Target Industries: Dealers
Geographic Coverage: International
Year Established: 1981
Number of Employees: 8

TRENDATA CORP.
 Standard Memories Division
 3400 W. Segerstrom
 Santa Ana, CA 92704
 (714) 540-3605
Major Markets: Peripheral Manufacturing
Target Applications: Memory expansion
Net Sales: \$5 Million — \$25 Million (1982)
Contacts:
 Head of Marketing: Miles S. Efron
Geographic Coverage: International
Number of Employees: 200

TRENDCOM
 Communication Products Division
 480 Oakmead Pkwy
 Sunnyvale, CA 94086
 (408) 737-0747
Major Markets: Terminal and Peripheral Manufacturing
Target Applications: Electronic Mail, Remote Communication
Contacts:
 Head of Marketing: Bob Herriford
Geographic Coverage: International
Year Established: 1978
Number of Employees: 100

TRIFORMATION SYSTEMS, INC.
 3132 S.E. Jay St.
 Stuart, FL 33494
 (905) 283-4817
Major Markets: Computer Manufacturing; OEM (Peripherals/Terminals)
Net Sales: \$500,000 — \$1 Million (1982)
Contacts:
 Head of Marketing: Kurt Stepping
Geographic Coverage: International
Year Established: 1969
Number of Employees: 80

TRILOG, INC.
 17391 Murphy Ave.
 Irvine, CA 92714
 (714) 549-4079
Major Markets: Peripheral Manufacturing
Target Industries: Manufacturing; Engineering
Target Applications: CAD/CAM
Net Sales: \$1 Million — \$5 Million (1981)
Contacts:
 Head of Marketing: Jack Rice
 Head of Engineering: LeRoy Thompson
Geographic Coverage: International
Year Established: 1975
Number of Employees: 50

TRT DATA PRODUCTS
 Northfield Communications Division
 3 Depot Place
 E. Norwalk, CT 06855
 (203) 853-2777
Major Markets: Component and Communications Equipment
Manufacturing: OEM (Computer Systems)
Contacts:
 Head of Marketing: Arnold Benard
 Head of Engineering: Ron Kelley

Geographic Coverage: International
Year Established: 1969
Number of Employees: 30

TSO DISPLAY PRODUCTS, INC.
 35 Orville Drive
 Bohemia, NY 11716
 (516) 589-6800
Major Markets: Component, Terminal and Peripheral Manufacturing
Contacts:
 Head of Sales: Steven Sloan
Geographic Coverage: International
Year Established: 1980
Number of Employees: 25

TYMSHARE, INC.
 21705 Valley Green Drive
 Cupertino, CA 95014
 (408) 446-6000
Major Markets: Data Services (Service Bureau); Maintenance/Other Services
Target Industries: Finance; Manufacturing; Utilities; Government
Target Applications: POS; Tax Processing; Reservations
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Marketing: R. W. Braniff
 Head of Sales: W. F. Prince
 Head of Software: L. Rakoczi
Geographic Coverage: International
Year Established: 1966
Number of Employees: 4,000

TYMSHARE, INC.
 Applied Systems Division
 6935 Wisconsin Ave.
 Bethesda, MD 20815
 (301) 951-0122
Major Markets: Component and Communications Equipment
Manufacturing: Systems House (Commercial OEM); Data Services (Service Bureau)
Contacts:
 Head of Engineering: Alan Monach
Geographic Coverage: International
Year Established: 1976
Number of Employees: 35

U-MICROCOMPUTERS, INC.
 300 Board St.
 Stamford, CT 06901
 (203) 359-4236
Geographic Coverage: International
Year Established: 1982

UNITED PERIPHERALS, INC.
 432 Lakeside Drive
 Sunnyvale, CA 94086
 (408) 730-4440
Major Markets: Peripheral Manufacturing
Target Industries: OEM
Contacts:
 Head of Marketing/Sales: Ron Radcliff
 Head of Customer Service: Bill Sullivan
Geographic Coverage: International
Year Established: 1980
Number of Employees: 300

UNIVATION, INC.
 1037 N. Fair Oaks Ave.
 Sunnyvale, CA 94089
 (408) 745-0180
Major Markets: Component and Peripheral Manufacturing
Geographic Coverage: International

Year Established: 1981
Number of Employees: 7

USDATA, INC.
 1551 Glenville Road
 Richardson, TX 75081
 (214) 680-9700
Major Markets: Terminal, Peripheral and Communications Equipment
Manufacturing: Software House; Systems House (Commercial OEM); Dealer/Distributor
Target Industries: Communication; Process Control; General Business
Target Applications:
 Communication; Process Control; General Business
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Gary Kuehneman
 Head of Software: Mitchell Vaughn
Geographic Coverage: International
Year Established: 1974
Number of Employees: 105

U.S. DESIGN CORP.
 5150 Philadelphia Way
 Lanham, MD 20706
 (800) 368-2811
Major Markets: Peripheral Manufacturing; Maintenance/Other Services
Net Sales: \$1 Million — \$5 Million (1982)
Contacts:
 Head of Marketing: Larry Tashbook
 Head of Sales: Bill Bickford
 Head of Engineering: Stan Mar Morstein
Geographic Coverage: International
Year Established: 1978
Number of Employees: 50

VECTOR GRAPHIC, INC.
 500 N. Ventura Park Road
 Thousand Oaks, CA 91320
 (805) 499-5831
Major Markets: Computer and Communications Equipment
Manufacturing:
Net Sales: \$25 Million — \$100 Million (1982)
Contacts:
 Head of Marketing: Fred Snow
Geographic Coverage: International
Year Established: 1976
Number of Employees: 350

VERMONT RESEARCH CORP.
 Precision Park
 N. Springfield, VT 05150
 (802) 886-2256
Major Markets: Component and Peripheral Manufacturing; OEM (Peripherals/Terminals)
Target Industries: Manufacturing; Telecommunications
Target Applications: Process Control; Robotics; CAD/CAM
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: W. Austin, III
 Head of Sales: R. C. Simmons
 Head of Engineering: R. A. Stover
 Head of Customer Service: W. Keith
Geographic Coverage: International
Year Established: 1960
Number of Employees: 210

VERSATEC, INC.
 2710 Walsh Ave.
 Santa Clara, CA 95051
 (408) 988-2800
Major Markets: Peripheral Manufacturing; OEM (Peripherals/Terminals); Maintenance/Other Services
Target Industries: Geophysical; Mapping; Engineering; Business Graphics
Target Applications: CAD
Net Sales: More than \$100 Million (1982)
Contacts:
 Head of Marketing/Software: Milton Reed
 Head of Sales: Rodney Murray
 Head of Engineering: William Lloyd
Geographic Coverage: International
Year Established: 1969
Number of Employees: 1,200

VERTEX
 2150 Bering Drive
 San Jose, CA 95131
 (408) 942-0606
Major Markets: Peripheral Manufacturing
Contacts:
 Head of Marketing: J. Adkisson
 Head of Sales: Norm Hayes
 Head of Engineering: R. Stromsta
Geographic Coverage: International
Year Established: 1982
Number of Employees: 50

VICTOR TECHNOLOGIES, INC.
 8420 Bynum Ave.
 Chicago, IL 60615
 (312) 539-8200
Major Markets: Computer, Terminal and Office Equipment Manufacturing; OEM (Computer Systems); Software House; Systems House (Commercial OEM)
Target Industries: Cross
Target Applications: Business Accounting; Word Processing; Electronic Spread Sheets; Banking Applications
Contacts:
 Head of Marketing: Roy McIlwaine
 Head of Sales: Jack Huber
 Head of Software: Van Lewis
 Head of Engineering: Robert Taylor
Geographic Coverage: National
Year Established: 1917
Number of Employees: 2,500

VISTA COMPUTER CO., INC.
 1317 E. Edinger St.
 Santa Ana, CA 92705
 (714) 953-0523
Major Markets: Peripheral Manufacturing
Target Industries: Microcomputers
Contacts:
 Head of Marketing: King R. Lee
Geographic Coverage: International
Year Established: 1977
Number of Employees: 35

VISTA COMPUTER CO., INC.
 1317 E. Edinger St.
 Santa Ana, CA 92705
 (714) 953-0523
Major Markets: Peripheral Manufacturing
Target Industries: Microcomputers
Contacts:
 Head of Marketing: King R. Lee
Geographic Coverage: International
Year Established: 1977
Number of Employees: 35

VISTA COMPUTER CO., INC.
 1317 E. Edinger St.
 Santa Ana, CA 92705
 (714) 953-0523
Major Markets: Peripheral Manufacturing
Target Industries: Microcomputers
Contacts:
 Head of Marketing: King R. Lee
Geographic Coverage: International
Year Established: 1977
Number of Employees: 35

VISUAL TECHNOLOGY, INC.
 540 Main St.
 Tewksbury, MA 01876
 (617) 851-5000
Major Markets: Terminal Manufacturing
Target Applications: Graphics
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Andrew Mathews
 Head of Sales: John Bruni
 Head of Engineering: Ken Bailey

Vendors

Geographic Coverage: International
Year Established: 1978
Number of Employees: 250

VR DATA CORP.

777 Henderson Blvd.
Folcroft, PA 19032
(215) 461-5300

Major Markets: Peripheral
Manufacturing; OEM (Computer
Systems); Dealer/Distributor

Target Industries: Retail,
Manufacturing; Wholesaling
Target Applications: Accounting

Contacts:
Head of Marketing: Michele Speed
Head of Engineering: William Glaub
Geographic Coverage: International
Year Established: 1972
Number of Employees: 18

WANG LABORATORIES, INC.

One Industrial Ave.
Lowell, MA 01851
(617) 459-5000

Major Markets: Computer, Terminal,
Peripheral, Communications
Equipment and Office Equipment
Manufacturing

Target Industries: Banking;
Insurance; Legal; State/Local
Government
Target Applications: Data Entry;
Electronic Mail; Human Resource
Management; Programmer Utilities
Net Sales: \$25 Million — \$100
Million (1981)

Contacts:
Head of Marketing/Sales: John F.
Cunningham
Head of Software/Engineering:
Frederick A. Wang
Geographic Coverage: International
Year Established: 1951
Number of Employees: 19,200

WEBER MARKING SYSTEMS

711 W. Algonquin Road
Arlington Heights, IL 60005
(312) 364-8500

Major Markets: Office Equipment
Manufacturing

Target Industries: Chemical;
Pharmaceutical; Food Processing;
Government

Contacts:
Head of Marketing: J. B. Craswell
Head of Sales: A. Swanson
Geographic Coverage: International
Year Established: 1932
Number of Employees: 485

WESPERCORP

Western Peripherals Division
14321 Myford Road
Tustin, CA 92680

(714) 730-6250
Major Markets: Component and
Peripheral Manufacturing
Net Sales: \$5 Million — \$25 Million
(1981)

Contacts:
Head of Marketing: Jack Olson
Geographic Coverage: International
Year Established: 1975
Number of Employees: 140

WESPERMICRO SYSTEMS, INC.

14321 Myford Road
Tustin, CA 92680

(714) 850-1666

Major Markets: Peripheral
Manufacturing

Contacts:

Head of Marketing: Randy Knapp
Head of Engineering: Gerald
Blakefield
Geographic Coverage: International
Year Established: 1981
Number of Employees: 10

WESTERN DIGITAL CORP.

2445 McCabe Way
Irvine, CA 92714
(714) 557-3550

Major Markets: Component,
Computer and Communications
Equipment Manufacturing
Target Industries: Computer;
Telecommunication
Net Sales: \$25 Million — \$100
Million (1982)

Contacts:
Head of Sales: Joseph Pleso
Geographic Coverage: National
Year Established: 1970
Number of Employees: 803

WESTERN DYNEX CORP.

3535 W. Osborn Road
Phoenix, AZ 85019
(602) 269-6401

Major Markets: Peripheral
Manufacturing
Target Industries: Systems Houses
(OEM); System Integrators

Contacts:
Head of Sales: Christine H. Flaherty
Geographic Coverage: International
Year Established: 1971

WESTERN GRAPHTEC

Formerly Watanabe Instrument
12 Chrysler St.
Irvine, CA 92714

(714) 770-6010
Major Markets: Peripheral
Manufacturing

Target Industries: Engineering
Target Applications: Graphics;
Electronics

Contacts:
Head of Marketing: Jack Campbell
Head of Engineering: Edward P.
Brooks
Head of Customer Service: Nancy
Clemens
Geographic Coverage: International
Year Established: 1980
Number of Employees: 25

WESTERN TELEMATIC, INC.

2435 St. Anne St.
Santa Ana, CA 92704
(800) 854-7226

Major Markets: Peripheral and
Communications Equipment
Manufacturing

Target Industries: Data
Communications; PBX Telephone
Industries
Contacts:
Head of Sales: David Shumway
Geographic Coverage: International
Year Established: 1984
Number of Employees: 20

WESTREX OEM PRODUCTS

51 Penn St.
Fall River, MA 02724
(617) 876-1011

Major Markets: Peripheral
Manufacturing

Contacts:
Head of Marketing: J. C. Murray

Geographic Coverage: International
Year Established: 1979
Number of Employees: 300

WICAT SYSTEMS, INC.

1875 S. State St.
P.O. Box 539
Orem, UT 84057
(801) 224-6400

Major Markets: Computer
Manufacturing; OEM (Peripherals/
Terminals); Software House

Target Industries: Education;
General Business
Target Applications: Accounting;
WP

Contacts:
Head of Marketing: Frank
Richardson
Head of Software: Tom Seal
Head of Engineering: David Bailey
Geographic Coverage: International
Year Established: 1976
Number of Employees: 450

WILLIAM PALMER INDUSTRIES

17971 H. Skypark Circle Drive
Irvine, CA 92714
(714) 545-9622

Major Markets: Peripheral
Manufacturing; Software House;
Systems House (Commercial OEM)

Target Industries: Military;
Research; Medical; Quality Control

Contacts:
Head of Engineering: Chris Home
Geographic Coverage: National
Year Established: 1975
Number of Employees: 12

WINTER CORP.

1801 South St.
Lafayette, IN 47904
(317) 742-8426

Major Markets: Computer
Manufacturing; Software House;
Maintenance/Other Services

Target Industries: OEM
Target Applications: Industrial
Control; General Business

Contacts:
Head of Software: Stephen E. Beller
Head of Engineering: James B.
Wilson
Geographic Coverage: National
Year Established: 1973
Number of Employees: 12

WORDPLEX CORP.

141 Triunfo Canyon Road
West Lake Village, CA 91361
(213) 889-4455

Major Markets: Office Equipment
Manufacturing

Geographic Coverage: International
Year Established: 1974

Number of Employees: 220

WORLD STORAGE TECHNOLOGY, LTD.

14251 Franklin Ave.
Tustin, CA 92680
(714) 838-1491

Major Markets: OEM (Peripherals/
Terminals)

Contacts:
Head of Marketing: J. Barrie Clark
Geographic Coverage: International
Year Established: 1983
Number of Employees: 130

WORLD STORAGE TECHNOLOGY, LTD.

OEM Office Terminals Division

14251 Franklin Ave.

Tustin, CA 92680
(714) 838-1491

Major Markets: Terminal and
Peripheral Manufacturing
Geographic Coverage: National
Year Established: 1975
Number of Employees: 300

WYSE TECHNOLOGY, INC.

3040 First St.
San Jose, CA 95134
(408) 946-3075

Major Markets: Terminal
Manufacturing
Target Industries: OEM; Mini- and
microcomputers

Contacts:
Head of Marketing/Sales: Larry
Lumms
Head of Engineering: Grace Tse
Geographic Coverage: National
Year Established: 1981
Number of Employees: 60

XCOMP, INC.

7566 Trade St.
San Diego, CA 92121
(619) 271-8730

Major Markets: Component
Manufacturing

Target Industries: OEM
Contacts:
Head of Sales: William Perry

Geographic Coverage: International
Year Established: 1976
Number of Employees: 60

XEBEC

432 Lakeside Drive
Sunnyvale, CA 94086
(408) 733-4200

Major Markets: Component and
Terminal Manufacturing
Geographic Coverage: International

XEROX CORP.

Printing Systems Division
880 Apollo St.
El Segundo, CA 90245
(213) 536-7000

Major Markets: Terminal and
Peripheral Manufacturing

Target Applications: Non-Impact
Printing
Geographic Coverage: International
Year Established: 1949
Number of Employees: 116,000

XETA, INC.

51 Lake St.
Nashua, NH 03060
(603) 881-3122

Major Markets: Peripheral
Manufacturing; OEM (Peripherals/
Terminals); Data Services (Service
Bureau); Dealer/Distributor;

Maintenance/Other Services;
Miscellaneous Computer Supplies

Target Industries: Publishing;
Education; OEM; Manufacturing

Target Applications: Text Editing
Net Sales: \$100,000 — \$500,000
(1981)

Contacts:
Head of Engineering: Daniel
Federalick

Geographic Coverage: International
Year Established: 1980
Number of Employees: 6

XICOR

851 Buckeye Court
Milpitas, CA 95035
(408) 946-6920

Vendors

Major Markets: Peripheral Manufacturing
Contacts:
 Head of Marketing: Bud Koch
 Head of Sales: Tom North
Geographic Coverage: International
Year Established: 1978
Number of Employees: 254

XYLOGICS, INC.
 144 Middlesex Tnpk.
 Burlington, MA 01803
 (617) 272-8140
Major Markets: Component and Peripheral Manufacturing
Target Industries: Education
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing/Sales: Howard Lev
 Head of Engineering: Chappell Cory
Geographic Coverage: International
Year Established: 1975
Number of Employees: 128

XYNETICS, INC.
 Electroglass Division
 2901 Coronado Drive
 Santa Clara, CA 95051
 (408) 727-6500
Major Markets: OEM (Computer Systems), Systems House (Commercial OEM)
Target Applications: Water Handling
Geographic Coverage: International
Year Established: 1968
Number of Employees: 300

YOKOGAWA OF AMERICA
 2 Dart Road
 Shennandoah, GA 30265
 (404) 253-7000
Major Markets: Peripheral Manufacturing
Contacts:
 Head of Marketing: Jack Stegenga
Geographic Coverage: International
Year Established: 1957
Number of Employees: 70

ZAIAX COMMUNICATIONS, INC.
 207 Lakin Drive
 Huntsville, AL 35801
 (205) 881-2200
Major Markets: Component and Communications Equipment Manufacturing
Target Industries: Lodging, Banks
Target Applications: Voice Mail, Dictation, Electronic Mail, Voice Storage and Forwarding
Contacts:
 Head of Marketing: Dennis Miller
 Head of Software: Ron Jackson
 Head of Engineering: Preston Jeff
Geographic Coverage: Regional
Year Established: 1982
Number of Employees: 9

ZENDEN CORP.
 6844 Sierra Lane
 Dublin, CA 94568
 (415) 828-3000
Major Markets: Component and Computer Manufacturing
Target Industries: Industrial Control
Contacts:
 Head of Marketing/Sales: Rob Richards
 Head of Engineering: John Hight
Geographic Coverage: International
Year Established: 1979
Number of Employees: 30

ZENITH DATA SYSTEMS
 1000 Milwaukee Ave.
 Glenview, IL 60025
 (312) 391-8860
Major Markets: Computer, Terminal, Peripheral, Communications Equipment and Office Equipment Manufacturing; OEM (Computer Systems); OEM (Peripherals/Terminals); Miscellaneous Computer Supplies
Target Industries: Fortune 1000; Small Business; OEM Computer Equipment; Higher Education
Target Applications: OA; Graphics; Accounting
Net Sales: \$25 Million — \$100 Million (1982)
Contacts:
 Head of Marketing: Robert K. Reid
 Head of Sales: John Frank
 Head of Software: Tom Dornback
 Head of Engineering: Hoy Chang
Geographic Coverage: International
Year Established: 1979
Number of Employees: 1,000

ZENITH RADIO CORP.
 CRT and Component Operations Division
 1000 Milwaukee Ave.
 Glenview, IL 60025
 (312) 391-8860
Major Markets: Component, Terminal and Peripheral Manufacturing; Software House; Maintenance/Other Services
Target Industries: Small Business; Professional
Contacts:
 Head of Marketing: H. Rudolph Ziedler
 Head of Software/Engineering: Leonard Dietch
 Head of Customer Service: William A. Nail
Geographic Coverage: National
Year Established: 1979
Number of Employees: 50

ZENTEC CORP.
 2400 Walsh Ave.
 Santa Clara, CA 95050
 (408) 727-7667
Major Markets: Computer and Terminal Manufacturing
Target Industries: OEM
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing: Neal Dempsey
 Head of Sales: Rich McNeese
 Head of Software/Engineering: David Stallard
Geographic Coverage: International
Year Established: 1973
Number of Employees: 300

ZILOQ, INC.
 1315 Dell Ave.
 Campbell, CA 95008
 (408) 370-8000
Major Markets: Component and Computer Manufacturing
Net Sales: \$25 Million — \$100 Million (1981)
Contacts:
 Head of Marketing: David Guzeman
 Head of Sales: Bernard Vonderschmitt
 Head of Engineering: Bernard Vonderschmitt
Geographic Coverage: International
Year Established: 1974
Number of Employees: 1,000

ZITEL CORP.
 Memory Systems/Datacom Division
 2075 Zanker Road
 San Jose, CA 95131
 (408) 946-9600
Major Markets: Peripheral Manufacturing
Target Industries: OEM
Net Sales: \$5 Million — \$25 Million (1981)
Contacts:
 Head of Marketing/Sales: James L. Siehl
 Head of Engineering: John Conaway
 Head of Customer Service: Don Johnson
Geographic Coverage: National
Year Established: 1979
Number of Employees: 65

ZOBEX
 Suite J
 7343 Ronson Road
 San Diego, CA 92111
 (714) 571-8971
Major Markets: Computer and Peripheral Manufacturing
Geographic Coverage: National
Year Established: 1979

INTRODUCING A CONVERSATIONAL TERMINAL WITH A LOT TO SAY FOR ITSELF.

An attractive low price plus a long list of features make the 5410 terminal from Teletype Corporation a great value. In fact, it's hard to beat this ANSI 3.64 based asynchronous terminal's cost-effectiveness for applications such as time sharing, inquiry response, data retrieval and software development. Unlike most terminals in its class, the 5410 lets you change from an 80 to 132 column mode so that you can put more data—even accounting spreadsheets—on the screen. No matter which mode you're in, you'll

get high resolution with crisp, easy-to-read characters.

The 5410 is also surprisingly user-friendly. For starters, it has 8 programmable function keys that can be down-line loaded from a host or entered locally by the operator. These non-volatile keys are easily associated with screen labels. When the operator goes to another application and changes the function keys, the screen labels can change right along with them. There's no need to put plastic strips or messy tape on the screen.

When it comes to optioning, the 5410 features an English menu (see screen above) for fast set up. The operators don't have to flip DIP switches or figure out complicated codes. They'll also appreciate the 5410's character attributes which include blinking, boldfacing, underlining, non-displayed and reverse video.

Of course, we had the operator in mind when we designed the 5410. That's evident in the detachable, low-profile keyboard that's light enough to rest on the operator's lap. And in the tiltable, non-glare screen with brightness control.

The 5410 also stretches to suit your needs as well as the operator's. For example, it features a standard EIA printer port; the internal software to do editing, split screen and line drawing graphics; and on-line speeds up to 19200 bps.

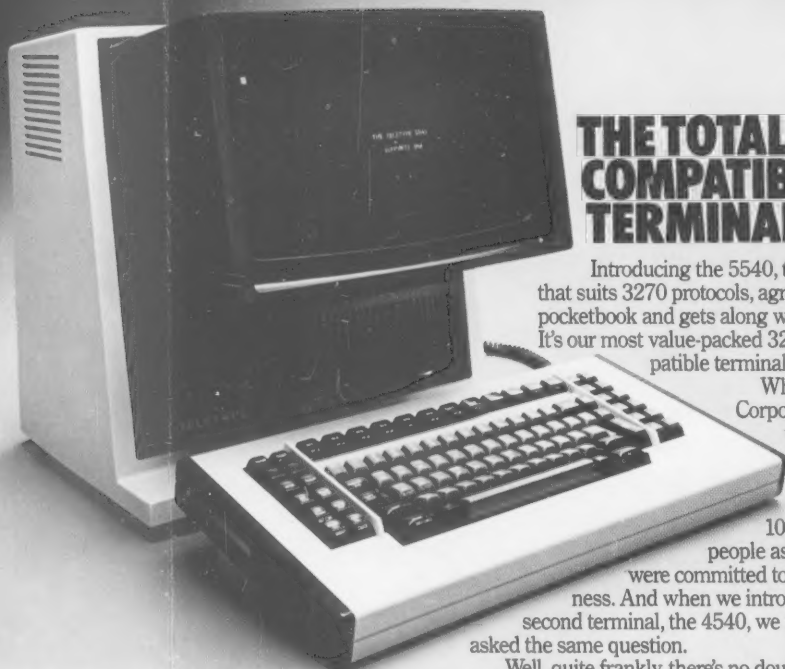
Another nice thing about the 5410 is its ability to diagnose its own problems. And that if service ever is needed, our established nationwide service organization lets us respond quickly to your call.

When you size up conversational terminals, we think you'll find our 5410 speaks for itself.

TELETYPE: VALUE SETS US APART.



Teletype Corporation, 5555 Touhy Ave., Dept. 3223, F. Skokie, IL 60077. Tel. 1 800 323-1229. Extension 101. "Teletype" is a registered trademark and service mark of Teletype Corporation.



THE TOTALLY COMPATIBLE TERMINAL.

Introducing the 5540, the terminal that suits 3270 protocols, agrees with your pocketbook and gets along with people. It's our most value-packed 3270-compatible terminal yet.

When Teletype Corporation unveiled its first 3270-compatible terminal some 10 years ago, people asked if we were committed to this business. And when we introduced our second terminal, the 4540, we still got asked the same question.

Well, quite frankly, there's no doubt about our commitment. The introduction of the 5540 offers more proof that we're in the 3270-business to stay.

But the best thing about the 5540 is that it represents an even better value than its predecessors. Because besides being competitively priced, the 5540 supports 3270 SNA/SDLC in addition to 3270 BSC line protocols. And there's full SNA character string support. It can also replace existing SNA terminals without host software modifications. And you can upgrade from BSC to SNA simply by changing diskettes.

We've also given the 5540 a more powerful microprocessor-based controller that will cluster up to 32 devices. Or you can choose a compact tabletop controller. You also get a choice of reduced size or standard displays, and 80 or 132 column data formats.

To improve operator productivity, the 5540 features a detachable keyboard with 3270-like layouts; 24 program function keys; a non-glare, high resolution tilt screen; plus a status line that includes a row and column counter.

Another nice thing about the 5540 is that it supports our existing 4540 displays and printer devices. Thus, you can mix and match existing and new terminals while holding down the cost of upgrading your system.

Backed by Teletype's experience in building over 200,000 3270-compatible terminals, the 5540 will certainly enhance our proven record for reliability. In the unlikely event of problems, self-diagnostics help pinpoint them. Modular design simplifies repairs. And with an established nationwide service organization, we're able to respond quickly when you need us. That includes delivering and installing terminals like the 5540.

Get to know our 5540 a little better. You'll find it's very easy to like.

TELETYPE: VALUE SETS US APART.



Teletype Corporation, 5555 Touhy Ave., Dept. 3223-F, Skokie, IL 60077. Tel. 1 800 323-1229, Extension 501. "Teletype" is a registered trademark and service mark of Teletype Corporation.

Intelligent Terminals Index By Compatibility

The index to intelligent terminals is designed to provide an overview of the products contained in this section of the buyer's guide and contains information on terminal compatibility, the maximum memory with which the terminal can be configured and the price and the page number on which the terminal is listed. Products are indexed according to compatibilities with seven major vendors' systems, including Burroughs Corp., Control Data Corp., Honeywell, Inc., NCR Corp. and Sperry Corp. In addition there are also two sections that contain terminals that are specifically TTY- or IBM 3270-compatible. The classification headings are listed in alphabetical order. Within each section, vendors and their products are listed alphabetically or numerically by model number. If a particular terminal is compatible with more than one vendor's product it is listed under each vendor with whom it is compatible.

If a particular terminal is not compatible with or has additional compatibilities outside of the major classifications it has been placed within the section entitled "Terminals With Other Compatibilities."

Manufacturers who did not specify compatibility with any vendor's systems are listed alphabetically under the category "Terminals With No Compatibility Specified."

Complete product listings follow the index.

Burroughs-Compatible Terminals

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
American Datacom	ADC SUPRTELEX 400	32K bytes	\$3,395	A-8
Burroughs Corp.	ET 2000	256K bytes	\$3,795	A-10
Datapoint Corp.	1560	128K bytes	\$3,195	A-12
ECS Microsystems, Inc.	4000	N/A	N/A	A-14
	4100	N/A	N/A	A-15
	4200	N/A	N/A	A-15
	4500	N/A	N/A	A-15
	4600	N/A	N/A	A-15
	4700	N/A	N/A	A-15
	5000	N/A	N/A	A-15
Ideographix, Inc.	IPX 5460	99.9M bytes	\$20,000	A-18
Industrial Data Terminals	IDT 2250	32K bytes	\$16,595	A-20
PSITech	215	120K bytes	\$3,995	A-25
	GT 800	120K bytes	\$3,500	A-25
	GTC 214	120K bytes	\$4,500	A-26
	GTC 224	120K bytes	\$5,000	A-26
	GTC 319	120K bytes	\$5,500	A-26
Tektronix, Inc.	4115B	N/A	\$19,950	A-30

CDC-Compatible Terminals

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
American Datacom	ADC SUPRTELEX 400	32K bytes	\$3,395	A-8
Ideographix, Inc.	IPX 5460	99.9M bytes	\$20,000	A-18
PSITech	215	120K bytes	\$3,995	A-25
	GT 800	120K bytes	\$3,500	A-25
	GTC 214	120K bytes	\$4,500	A-25
	GTC 224	120K bytes	\$5,000	A-25
	GTC 319	120K bytes	\$5,500	A-26
Tektronix, Inc.	4115B	N/A	\$19,950	A-30
	4116A	800K bytes	\$22,400	A-30

Intelligent Terminals Index

Honeywell-Compatible Terminals

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
American Datacom	ADC SUPERTELEX 400	32K bytes	\$3,395	A-8
Datapoint Corp.	1560	128K bytes	\$3,195	A-12
ECS Microsystems, Inc.	4000	N/A	N/A	A-14
	4100	N/A	N/A	A-15
	4200	N/A	N/A	A-15
	4500	N/A	N/A	A-15
	4600	N/A	N/A	A-15
	4700	N/A	N/A	A-15
	5000	N/A	N/A	A-15
Ideographix, Inc.	IPX 5460	99.9M bytes	\$20,000	A-18
Megadata Corp.	8178	512K bytes	\$2,500	A-22
	8188	512K bytes	\$2,500	A-22
PSiTech	215	120K bytes	\$3,995	A-25
	GT 800	120K bytes	\$3,500	A-25
	GTC 214	120K bytes	\$4,500	A-26
	GTC 224	120K bytes	\$5,000	A-26
	GTC 319	120K bytes	\$5,500	A-26
Tektronix, Inc.	4115B	N/A	\$19,950	A-30

IBM 3270-Compatible Terminals

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
AB Dick Co.	MAGNA-SL	N/A	\$5,000	A-8
Azurdata, Inc.	MAGNA 3	N/A	\$11,000 to \$29,000	A-8
	SCOREPAD	128K bytes	\$1,850 to \$3,300	A-9
	SCOREPAK	64K bytes	\$350 to \$1,200	A-9
Bedford Computer Corp.	METEOR I	256K bytes	\$10,000	A-9
	METEOR II	256K bytes	\$20,000	A-9
	METEOR III	256K bytes	\$38,000	A-9
Burroughs Corp.	ET 2000	256K bytes	\$3,795	A-10
Codex Corp.	CDX-268/1	384K bytes	\$1,900	A-10
Datapoint Corp.	1560	128K bytes	\$3,195	A-12
	8220	N/A	\$1,895	A-12
	8600	256K bytes	\$7,500	A-12
Dictaphone Corp.	6110/6111	256K bytes	\$5,950	A-14
	6140/6141	256K bytes	N/A	A-14
	6150/6151	258K bytes	N/A	A-14
ECS Microsystems, Inc.	4000	N/A	N/A	A-14
	4100	N/A	N/A	A-15
	4200	N/A	N/A	A-15
	4500	N/A	N/A	A-15
	4600	N/A	N/A	A-15
	4700	N/A	N/A	A-15
	5000	N/A	N/A	A-15
Harris Corp.	9178	64K bytes	N/A	A-16
	9278-01	64K bytes	N/A	A-16
	9278-02	64K bytes	N/A	A-16
	9278-11	64K bytes	N/A	A-16
	9278-12	64K bytes	N/A	A-16
	9278-15	32K bytes	N/A	A-16
	9279-2A	32K bytes	N/A	A-16
ICL, Inc.	DRS 10	112K bytes	\$3,995	A-17
	DRS 20	224K bytes	\$6,050	A-17
	DRS 25	224K bytes	\$9,050	A-17
	DRS 40	512K bytes	\$7,900	A-18
	DRS 50	512K bytes	\$13,945	A-18
Icot Corp.	ICOT-757	N/A	\$2,395	A-18
	ICOT-767	N/A	\$2,595	A-18
	ICOT-768	N/A	\$2,595	A-18
Ideographix, Inc.	IPX 5460	99.9M bytes	\$20,000	A-18
IMC Corp.	FACTORY WORK STATION	26K bytes	\$1,195	A-18
	MOBILE WORK STATION	N/A	\$5,495	A-18
Information Devices Corp.	RMS-600	N/A	\$50,000	A-20
Instrumentation Laboratory, Inc.	PIXEL-80	6M bytes	\$14,000	A-20
Intertec Data Systems Corp.	SUPERBRAIN II JR.	64K bytes	\$2,495	A-21
	SUPERBRAIN II QD	64K bytes	\$2,995	A-21
	SUPERBRAIN II SD	64K bytes	\$3,495	A-21
Megadata Corp.	8178	512K bytes	\$2,500	A-22

Intelligent Terminals Index

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
Megadata Corp.	8188	512K bytes	\$2,500	A-22
Microdata Corp.	7510	64K bytes	\$6,825	A-22
Micromation	M/SYSTEM	N/A	\$6,000	A-22
	MARINER	N/A	\$7,000	A-22
	MI SYSTEM	N/A	\$6,990	A-22
Paradyne Corp.	PDS-270	N/A	\$3,000 to \$5,850	A-24
Phoenix Computer Systems, Inc.	1024-1	1M bytes	\$12,000	A-24
	1024-2	1M bytes	\$18,000	A-25
PSiTech	GT 800	120K bytes	\$3,500	A-25
	215	120K bytes	\$3,995	A-25
	GTC 214	120K bytes	\$4,500	A-26
	GTC 224	120K bytes	\$5,000	A-26
	GTC 319	120K bytes	\$5,500	A-26
Raytheon Co.	200-1E and 200-2E	512K bytes	\$3,995	A-26
	201E and 202E	512K bytes	\$3,995	A-26
	210	512K bytes	\$3,995	A-26
	220	512K bytes	\$6,750	A-26
	1202E	512K bytes	\$3,995	A-26
	PTS-2078	N/A	N/A	A-28
	PTS-2079	32K bytes	N/A	A-28
	RDS-1202	96K bytes	\$8,955	A-28
	RDS-1303	96K bytes	\$9,995	A-28
Scott Systems, Inc.	ACCESS ST-9	N/A	N/A	A-28
	ACCESS ST-12	N/A	N/A	A-28
Sidereal Corp.	MICRONET 8	256K bytes	\$18,900	A-28
Spectra Systems, Inc.	SPECTRA-880	2M bytes	N/A	A-29
TSD Display Products, Inc.	8118 VIT	512K bytes	\$2,650	A-30
	SYSTEM 700	64K bytes	\$3,500 to \$10,000	A-30
Victor Technologies, Inc.	VICTOR 9000A	256K bytes	\$3,995	A-31
	VICTOR 9000B	256K bytes	\$4,745	A-31
	VICTOR 9000C	256K bytes	\$5,995	A-31
Wordplex Corp.	WORDPLEX MODEL 80-210	64K bytes	\$5,100	A-31
	WORDPLEX MODEL 80-220	64K bytes	\$6,000	A-31
	WORDPLEX MODEL 80-3	128K bytes	\$7,700	A-31
	WORDPLEX MODEL 80-4	128K bytes	\$11,800	A-31
Zenith Data Systems	Z89	48K bytes	\$1,999	A-32
	ZF 100	64K bytes	\$2,499	A-32
	ZF 100	768K bytes	\$2,899	A-32
	ZW 100	768K bytes	\$5,499	A-32

NCR-Compatible Terminals

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
American Datacom	ADC SUPRTELEX 400	32K bytes	\$3,395	A-8
ECS Microsystems, Inc.	4000	N/A	N/A	A-14
	4100	N/A	N/A	A-15
	4200	N/A	N/A	A-15
	4500	N/A	N/A	A-15
	4600	N/A	N/A	A-15
	4700	N/A	N/A	A-15
	5000	N/A	N/A	A-15
PSiTech	215	120K bytes	\$3,995	A-25
	GT 800	120K bytes	\$3,500	A-25
	GTC 214	120K bytes	\$4,500	A-26
	GTC 224	120K bytes	\$5,000	A-26
	GTC 319	120K bytes	\$5,500	A-26
Tektronix, Inc.	4115B	N/A	\$19,950	A-30

Sperry-Compatible Terminals

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
American Datacom	ADC SUPRTELEX 400	32K bytes	\$3,395	A-8
Chi Corp.	RAINBOW 100	256K bytes	\$4,995	A-10
ECS Microsystems, Inc.	4000	N/A	N/A	A-14

Intelligent Terminals Index

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
ECS Microsystems, Inc.	4100	N/A	N/A	A-14
	4200	N/A	N/A	A-15
	4500	N/A	N/A	A-15
	4600	N/A	N/A	A-15
	4700	N/A	N/A	A-15
	5000	N/A	N/A	A-15
Ideographix, Inc.	IPX 5460	99.9M bytes	\$20,000	A-18
PSITech	215	120K bytes	\$3,995	A-25
	GT 800	120K bytes	\$3,500	A-25
	GTC 214	120K bytes	\$4,500	A-26
	GTC 224	120K bytes	\$5,000	A-26
	GTC 319	120K bytes	\$5,500	A-26
Tektronix, Inc.	4115B	N/A	\$19,950	A-30

TTY-Compatible Terminals

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
AB Dick Co.	MAGNA-SL	N/A	\$5,000	A-8
	MAGNA 3	N/A	\$11,000 to \$29,000	A-8
American Datacom	ADC SUPERTELEX 400	32K bytes	\$3,395	A-8
AM Varityper	EPICS TERMINAL	128K bytes	\$4,500	A-9
BBN Computer Corp.	BITGRAPH	512K bytes	\$4,995	A-9
Bedford Computer Corp.	METEOR I	256K bytes	\$10,000	A-9
	METEOR II	256K bytes	\$20,000	A-9
	METEOR III	256K bytes	\$38,000	A-9
Beehive International	ATL-008	128K bytes	\$2,995	A-9
	TOPPER	N/A	N/A	A-9
Burroughs Corp.	ET 2000	256K bytes	\$3,795	A-10
Codex Corp.	CDK-268/1	384K bytes	\$1,900	A-10
Computek, Inc.	8115	64K bytes	\$2,200	A-10
	8125	256K bytes	\$4,995	A-10
Computer Talk, Inc.	MODEL 423	N/A	\$3,606	A-10
	MODEL 425	3K bytes	\$9,650	A-12
	MODEL 427	N/A	\$4,379 to \$7,000	A-12
Comtec Information Systems, Inc.	ALPHA-VERTER-500	90K bytes	\$3,825	A-12
Cromemco, Inc.	C10, CKBA, CBL-CS	64K bytes	\$1,240	A-12
	C10, CKBC, CBL-CS	64K bytes	\$1,440	A-12
Datapoint Corp.	1560	128K bytes	\$3,195	A-12
	8220	N/A	\$1,895	A-12
	8600	256K bytes	\$7,500	A-12
Delta Data Systems Corp.	7260T	N/A	\$7,500	A-12
	7265T	64K bytes	\$11,000	A-12
	7268T	64K bytes	\$12,000	A-14
	7586	N/A	\$11,340	A-14
	DELTA 2201	64K bytes	\$2,200	A-14
	DELTA 2203	256K bytes	\$2,300	A-14
	DELTA 7103	64K bytes	\$4,855	A-14
	DELTA 7303	N/A	\$4,855	A-14
	DELTA 7506	64K bytes	\$6,000	A-14
Dentronix Systems, Inc.	D-400	N/A	\$1,450	A-14
	DENTRONIX 200	N/A	\$1,450	A-14
Dictaphone Corp.	6110/6111	256K bytes	\$5,950	A-14
ECS Microsystems, Inc.	4000	N/A	N/A	A-14
	4100	N/A	N/A	A-15
	4200	N/A	N/A	A-15
	4500	N/A	N/A	A-15
	4600	N/A	N/A	A-15
	4700	N/A	N/A	A-15
	5000	N/A	N/A	A-15
Esprit Systems, Inc.	ESPRIT I	N/A	\$595	A-15
	ESPRIT II	N/A	\$645	A-15
	ESPRIT III	256K bytes	\$895	A-15
	EXECUTIVE MODEL 10	64K bytes	\$1,195	A-15
Essex Engineering Co.	SX 1101	1M bytes	\$11,000	A-15
Extel Corp.	B-31	32K bytes	\$2,800	A-15
General Digital Industries, Inc.	DGT 68	N/A	\$4,500	A-15
HMW Enterprises, Inc.	9080	64K bytes	\$2,200	A-16
Human Designed Systems, Inc.	CONCEPT AVT	N/A	\$1,295	A-17
	CONCEPT GVT	N/A	N/A	A-17
	CONCEPT AVT-APL	N/A	\$1,295	A-17
	CONCEPT APL8	N/A	N/A	A-17

Intelligent Terminals Index

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
Ideographix, Inc.	IPX 5460	99.9M bytes	\$20,000	A-18
ID Systems Corp.	ID-188	N/A	\$10,445	A-18
IMC Corp.	FACTORY WORK STATION	26K bytes	\$1,195	A-18
	MOBILE WORK STATION	N/A	\$5,495	A-18
Instrumentation Laboratory, Inc.	PIXEL-80	6.0M bytes	\$14,000	A-20
Intecolor	INTECOLOR 8001	64K bytes	\$2,395	A-20
	INTECOLOR 8051	N/A	\$3,880	A-20
	INTECOLOR 8052	N/A	\$4,495	A-20
	INTECOLOR 8053	N/A	\$5,495	A-20
	INTECOLOR 8054	N/A	\$6,495	A-20
	INTECOLOR 8063	64K bytes	\$5,955	A-20
	INTECOLOR 8064	N/A	\$7,085	A-20
International Entry Systems, Inc.	DATACORDER II	64K bytes	N/A	A-20
	DATACORDER III	64K bytes	N/A	A-21
Itak Composition Systems	ED	64K bytes	\$4,600	A-21
	61	64K bytes	\$6,900	A-21
Ithaca Intersystems, Inc.	GRAPHOS	64K bytes	\$7,995	A-21
Megadata Corp.	8178	512K bytes	\$2,500	A-22
	8188	512K bytes	\$2,500	A-22
Micro Systems Development Corp., Inc.	MDC 350	32K bytes	\$4,950	A-24
New Media Graphics Corp.	GRAPHOVER 9500	N/A	\$9,850	A-24
Paradyne Corp.	PDS-270	N/A	\$3,000 to \$5,850	A-24
Peripheral Systems, Inc.	BUREAUCRAT	40K bytes	\$3,495	A-24
	LOBBYIST	40K bytes	\$2,995	A-24
Phoenix Computer Systems, Inc.	1024-1	1.0M bytes	\$12,000	A-24
	1024-2	1.0M bytes	\$18,000	A-25
Prime Computer, Inc.	PT 65	32K bytes	N/A	A-25
PSITech	215	120K bytes	\$3,995	A-25
	GT 800	120K bytes	\$3,500	A-25
	GT 1609	512K bytes	\$7,000	A-25
	GTC 214	120K bytes	\$4,500	A-26
	GTC 224	120K bytes	\$5,000	A-26
	GTC 319	120K bytes	\$5,500	A-26
Ramtek Corp.	RAMTEK 6211	16K bytes	\$4,995	A-26
	RAMTEK 6221	16K bytes	\$5,995	A-26
Sidereal Corp.	MICRONET 8	256K bytes	\$18,900	A-28
	MICRONET 20	N/A	\$4,500	A-28
	MICRONET 25	N/A	\$6,500	A-28
Sierra Information Systems Corp.	DT-2000	32K bytes	N/A	A-28
Soroc Technology, Inc.	CHALLENGER 135	N/A	\$995	A-29
	CHALLENGER 530	N/A	\$995	A-29
	IQ-130	N/A	\$1,095	A-29
Spectra Systems, Inc.	SPECTRA-123	N/A	\$13,000	A-29
System Integrators, Inc.	COYOTE 1	N/A	N/A	A-29
	COYOTE 4	N/A	N/A	A-29
Tektronix, Inc.	4051	32K bytes	\$6,295	A-29
	4052A	N/A	\$9,900	A-29
	4054A	N/A	\$14,950	A-30
	4114A	800K bytes	\$17,900	A-30
	4115B	N/A	\$19,950	A-30
	4116A	800K bytes	\$22,400	A-30
Teleram Communications Corp.	PORTABLE-81	256K bytes	\$4,800	A-30
	T-3000	64K bytes	\$2,995	A-30
Triformation Systems, Inc.	FSST-3	N/A	\$4,495	A-30
Visual Technology, Inc.	VISUAL 300	N/A	\$1,150	A-31
Wordplex Corp.	WORDPLEX MODEL 80-210	64K bytes	\$5,100	A-31
	WORDPLEX MODEL 80-220	64K bytes	\$6,000	A-31
	WORDPLEX MODEL 80-3	128K bytes	\$7,700	A-31
	WORDPLEX MODEL 80-4	128K bytes	\$11,800	A-31
Zenith Data Systems	Z89	48K bytes	\$1,999	A-32
	ZF 100	768K bytes	\$2,899	A-32
	ZW 100	768K bytes	\$5,499	A-32

Terminals With Other Compatibilities

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
Azardata, Inc.	SCOREPAK	64K bytes	\$350 to \$1,200	A-9
Computek, Inc.	8115	64K bytes	\$2,200	A-10
	8125	256K bytes	\$4,995	A-10

Intelligent Terminals Index

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
Datapoint Corp.	1560	128K bytes	\$3,195	A-12
Gtech Corp.	GSC-101	64K bytes	\$6,500	A-16
Ideographix, Inc.	IPX 5460	99.9M bytes	\$20,000	A-18
Tektronix, Inc.	4114A	800K bytes	\$17,900	A-30
	4115B	N/A	\$19,950	A-30
Victor Technologies, Inc.	VICTOR 9000A	256K bytes	\$3,995	A-31
	VICTOR 9000B	256K bytes	\$4,745	A-31
	VICTOR 9000C	256K bytes	\$5,995	A-31

Terminals With No Compatibility Specified

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
Advanced Electronics Design, Inc.	AED 11	512K bytes	\$19,995	A-8
	AED 512	N/A	\$3,995	A-8
A.I.C.S., Inc.	SYSTEM 2000 WP	N/A	\$1,900	A-8
Astronautics Corp. of America	P/E	N/A	N/A	A-8
	P/N 204050-2	528K bytes	N/A	A-8
	P/N 204050-3	16K bytes	N/A	A-8
	P/N 204050-4	528K bytes	N/A	A-8
	P/N 204050-5	528K bytes	N/A	A-9
	P/N 204050-6	528K bytes	N/A	A-9
	P/N 204050-7	528K bytes	N/A	A-9
	P/N 204050-8	N/A	N/A	A-9
Auttech Corp.	DISPLAY MASTER	N/A	N/A	A-9
Chromatics, Inc.	CG SERIES	96K bytes	\$7,995	A-10
	CGC 7900	9M bytes	\$11,995	A-10
Comark Corp.	MB85I	24M bytes	\$7,000	A-10
	QB-III	8M bytes	\$8,000	A-10
Computer Talk, Inc.	427 ECP	64K bytes	\$14,500	A-10
Daktronics	OLYMPIAN 80	64K bytes	\$3,500	A-12
Datalogics, Inc.	6300 SERIES	N/A	\$7,000	A-12
	6350	N/A	\$7,000	A-12
Harris Corp.	MULTIFUNCTION 9278	64K bytes	N/A	A-16
	MULTIFUNCTION 9285	64K bytes	N/A	A-16
Hastech, Inc.	PAGE PRO	N/A	N/A	A-16
Hewlett-Packard Co.	HP2647F	64K bytes	\$9,950	A-16
HMW Enterprises, Inc.	8081	N/A	\$5,100	A-17
	9083	N/A	\$4,100	A-17
	9083 S	N/A	\$4,100	A-17
	9203	N/A	\$5,500	A-17
Imilac Corp.	1600 ID	192K bytes	\$21,700	A-18
	SERIES 2 MODEL 8000	192K bytes	\$15,750	A-18
Industrial Data Terminals	IDT 1900	32K bytes	\$7,500	A-20
	IDT 2200	32K bytes	\$12,000	A-20
Intertec Data Systems Corp.	COMPUSTAR VPU 10	64K bytes	\$1,995	A-21
	COMPUSTAR VPU 20	64K bytes	\$2,995	A-21
	COMPUSTAR VPU 30	64K bytes	\$3,495	A-21
	COMPUSTAR VPU 40	64K bytes	\$3,995	A-21
Jupiter Systems, Inc.	JUPITER 12	N/A	\$25,000	A-21
Megatek Corp.	1650	256K bytes	\$15,900	A-22
	6200	96K bytes	\$17,900	A-22
	7200	96K bytes	\$30,000	A-22
Microdata Corp.	5750	64K bytes	\$5,100	A-22
Microprocessor Systems, Inc.	RUBICON 2000	256K bytes	N/A	A-22
	RUBICON 2001	256K bytes	N/A	A-22
MSI Data Corp.	MSI/55	N/A	N/A	A-24
	MSI/85	N/A	N/A	A-24
	MSI/88E	N/A	N/A	A-24
	MSI/88F	N/A	N/A	A-24
	MSI/88s	N/A	N/A	A-24
Northern Telecom, Inc.	DISPLAY TERMINAL	512K bytes	\$2,000	A-24
Phoenix Computer Systems, Inc.	768-24	768K bytes	\$21,000	A-24
	768-28	768K bytes	\$23,000	A-24
	1024-14	768K bytes	\$12,200	A-24
	1024-18	768K bytes	\$14,600	A-25
	1024-24	768K bytes	\$18,000	A-25
	1024-28	768K bytes	\$20,000	A-25
	1024-34	768K bytes	N/A	A-25
	1024-38	768K bytes	N/A	A-25

Intelligent Terminals Index

VENDOR	MODEL	MAXIMUM MEMORY	PRICE	PAGE
Qantel Corp.	QANTEL 4041	N/A	\$4,500	A-26
Sidereal Corp.	MICRONET 40	256K bytes	\$14,900	A-28
	MICRONET 6	256K bytes	\$16,900	A-28
Soroc Technology, Inc.	IQ-150	N/A	\$1,395	A-29
Sperry Corp.	UTS 40	128K bytes	\$3,200	A-29
Teletype Corp.	5620	256K bytes	\$6,115	A-30
TSD Display Products, Inc.	700 RTE	512K bytes	\$2,650	A-30
Usdata, Inc.	REACT	N/A	\$9,950 to \$14,500	A-31
Wyse Technology, Inc.	WY-200	32K bytes	\$1,295	A-31
	WY-210	128K bytes	\$1,595	A-31
	WY-220	128K bytes	\$1,695	A-32
Zenith Data Systems	Z100	192K bytes	\$2,899	A-32
Zentec Corp.	8000	64K bytes	\$1,750	A-32
	SERIES 2000	56K bytes	\$8,095	A-32
	ZMS-35	16K bytes	\$1,350	A-32

Intelligent Terminals

AB DICK CO.

MAGNA-3L
 Specific Application: WP
 Compatibility: IBM 3270; TTY
 Plug Compatibility: DEC VT52
 Minimum Memory Required: 128K bytes
 Languages Supported: Cobol, Basic
 Simultaneous Users: Yes
 Terminal Configuration: Cluster
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
 Maximum Transmission Speed: 250,000 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 14 in.
 Line/Screen: 27, standard, 90, optional
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 15, standard; 15, maximum
 List Price: \$5,000
 Distribution Method: End user; Third-party
 Date First Installed: 1981
 (See Vendor Profile Page V-1)

AB DICK CO.

MAGNA-3
 Specific Application: WP
 Compatibility: IBM 3270; TTY
 Plug Compatibility: DEC VT52
 Languages Supported: Cobol, Basic
 Processor Model: Intel
 Simultaneous Users: No
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous, X.25
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
 Maximum Transmission Speed: 19,200 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 12 in.
 Line/Screen: 25, standard; 80, optional
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 50
 List Price: \$11,000 to \$29,000
 Distribution Method: End user, Third-party
 Date First Installed: 1981

ADVANCED ELECTRONICS DESIGN, INC.

AED 11
 Specific Application: CAD/CAM
 Minimum Memory Required: 256K bytes
 Languages Supported: Fortran, Basic, Xenix
 Processor Model: Motorola 6502
 Simultaneous Users: Yes
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 19,200 bit/sec

Diagonal Screen Size: 19 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: Yes
 Program Function Keys: 10, standard; 10, maximum
 List Price: \$19,995
 Distribution Method: End user
 Date First Installed: August 1982
 (See Vendor Profile Page V-1)

ADVANCED ELECTRONICS DESIGN, INC.

AED 512
 Plug Compatibility: Tektronix 4010
 Languages Supported: Assembly
 Processor Model: Motorola 6502
 Simultaneous Users: No
 Terminal Configuration: Stand-alone
 Communications Protocols: None
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 13 in., standard; 19 in., optional
 Program Function Keys: 8, standard; 8, maximum
 List Price: \$3,995
 Distribution Method: Third-party
 Date First Installed: 1980

A.I.C.S., INC.

SYSTEM 2000 WP
 Specific Application: WP
 Languages Supported: Cobol, Fortran, Basic, Basic Plus, Basic Plus 2, Pascal, RPG, APL, PL/I, Basic, Coral
 Processor Model: Intel 8080
 Simultaneous Users: No
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80, standard; 160, optional
 Color Capability: No
 Program Function Keys: 26, standard; 26, maximum
 List Price: \$1,900
 Average Monthly Maintenance: \$71
 Distribution Method: End user
 Date First Installed: December 1979
 (See Vendor Profile Page V-1)

AMERICAN DATACOM

ADC SUPRTELEX 400
 Compatibility: TTY, Honeywell, Sperry, Burroughs, NCR, CDC
 Minimum Memory Required: 4K bytes
 Maximum Memory Required: 32K bytes
 Languages Supported: Telex ASCII
 Simultaneous Users: No
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 300 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 12 in.
 Line/Screen: 24

Character/Line: 80
 Color Capability: No
 Program Function Keys: 30
 List Price: \$3,395
 Average Monthly Maintenance: \$40
 Distribution Method: End user, Third-party
 Date First Installed: September 1982
 (See Vendor Profile Page V-2)

AM VARIETYPER EPICS TERMINAL

Specific Application: Typesetting
 Compatibility: TTY
 Minimum Memory Required: 128K bytes
 Maximum Memory Required: 128K bytes
 Languages Supported: Macro
 Processor Model: Zilog Z80
 Simultaneous Users: No
 Terminal Configuration: Cluster; 8
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 19,200 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 14 in.
 Line/Screen: 14
 Character/Line: 64
 Color Capability: No
 Program Function Keys: 6, standard; 6, maximum
 List Price: \$4,500
 Distribution Method: End user
 Date First Installed: March 1983
 (See Vendor Profile Page V-3)

ANACONDA-ERICSSON, INC.

ALFASKOP
 Compatibility: IBM 3270
 Plug Compatibility: IBM 3278, 3279
 Processor Model: Intel 8086
 Terminal Configuration: Cluster, 32
 Communications Protocols: Asynchronous, Synchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii, Ebcidic
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 13 in.
 Line/Screen: 43
 Character/Line: 80
 Color Capability: Optional, 7
 Program Function Keys: 12
 Distribution Method: End user
 Date First Installed: March 1983
 (See Vendor Profile Page V-3)

ASTRONAUTICS CORP. OF AMERICA

P/E
 Languages Supported: Fortran, Pascal, PL/M 86
 Processor Model: Intel 8086
 Simultaneous Users: Yes
 Terminal Configuration: Stand-alone
 Communications Protocols: Asynchronous
 Data Transmission Characteristics: Asynchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 15 in.

Line/Screen: 25
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 16
 Distribution Method: End user, OEM
 (See Vendor Profile Page V-4)

ASTRONAUTICS CORP. OF AMERICA

P/N 204050-2
 Minimum Memory Required: 16K bytes
 Maximum Memory Required: 528K bytes
 Languages Supported: Fortran, Pascal, PL/M 86
 Processor Model: Intel 8086
 Simultaneous Users: Yes
 Terminal Configuration: Stand-alone
 Communications Protocols: Asynchronous
 Data Transmission Characteristics: Asynchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 15 in.
 Line/Screen: 25
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 16
 Distribution Method: End user, OEM

ASTRONAUTICS CORP. OF AMERICA

P/N 204050-3
 Minimum Memory Required: 16K bytes
 Maximum Memory Required: 16K bytes
 Languages Supported: Fortran, Pascal, PL/M 86
 Processor Model: Intel 8086
 Simultaneous Users: Yes
 Terminal Configuration: Stand-alone
 Communications Protocols: Asynchronous
 Data Transmission Characteristics: Asynchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 15 in.
 Line/Screen: 25
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 16
 Distribution Method: End user, OEM

ASTRONAUTICS CORP. OF AMERICA

P/N 204050-4
 Minimum Memory Required: 16K bytes
 Maximum Memory Required: 528K bytes
 Languages Supported: Fortran, Pascal, PL/M 86
 Processor Model: Intel 8086
 Simultaneous Users: Yes
 Terminal Configuration: Stand-alone
 Communications Protocols: Asynchronous
 Data Transmission Characteristics: Asynchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 15 in.

Intelligent Terminals

Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16
Distribution Method: End user, OEM

ASTRONAUTICS CORP. OF AMERICA

P/N 204050-5
Minimum Memory Required: 16K bytes
Maximum Memory Required: 528K bytes
Languages Supported: Fortran, Pascal, PL/M 86
Processor Model: Intel 8086
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16
Distribution Method: End user, OEM

ASTRONAUTICS CORP. OF AMERICA

P/N 204050-6
Minimum Memory Required: 16K bytes
Maximum Memory Required: 528K bytes
Languages Supported: Fortran, Pascal, PL/M 86
Processor Model: Intel 8086
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16
Distribution Method: End user, OEM

ASTRONAUTICS CORP. OF AMERICA

P/N 204050-7
Minimum Memory Required: 16K bytes
Maximum Memory Required: 528K bytes
Languages Supported: Fortran, Pascal, PL/M 86
Processor Model: Intel 8086
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 15 in.
Line/Screen: 25

Character/Line: 80
Color Capability: No
Program Function Keys: 16
Distribution Method: End user, OEM

ASTRONAUTICS CORP. OF AMERICA

P/N 204050-8
Specific Application: Color Graphics
Languages Supported: Fortran, Pascal, PL/M 86
Processor Model: Intel 8086
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 15 in.
Color Capability: 16 colors
Program Function Keys: 16
Distribution Method: End user, OEM

AUTEC CORP.

DISPLAY MASTER
Minimum Memory Required: 64K bytes
Languages Supported: Fortran, Basic
Processor Model: Motorola 68000
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Full-Duplex, Synchronous
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 19 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 16 colors, optional
Program Function Keys: 10, standard; 10, maximum
Distribution Method: End user
Date First Installed: May 1983
(See Vendor Profile Page V-4)

AZURDATA, INC.

SCOREPAD
Specific Application: Auditing; Route Accounting
Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Maximum Memory Required: 128K bytes
Languages Supported: Pascal
Processor Model: Motorola 6502
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 3 in.
Line/Screen: 1
Character/Line: 24
Color Capability: No
List Price: \$1,850 to \$3,300
Distribution Method: End user
Date First Installed: March 1979
(See Vendor Profile Page V-4)

AZURDATA, INC.

SCOREPAK
Specific Application: Remote Order Entry
Compatibility: IBM 3270, Series/1

Minimum Memory Required: 4K bytes
Maximum Memory Required: 64K bytes
Processor Model: RCA
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 1,200 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 3 in.
Line/Screen: 1
Character/Line: 14
Color Capability: No
List Price: \$350 to \$1,200
Distribution Method: End user
Date First Installed: May 1978

BBN COMPUTER

BITGRAPH
Specific Application: Graphics, CAD/CAM
Compatibility: TTY
Plug Compatibility: DEC VT100, VT52
Minimum Memory Required: 128K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Fortran, Macro Assembly
Processor Model: Motorola 68000
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: SDLC/SNA
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 15 in.
Line/Screen: 66
Color Capability: No
List Price: \$4,995
Distribution Method: Third-party
Date First Installed: November 1981
(See Vendor Profile Page V-4)

BEDFORD COMPUTER CORP.

METEOR I
Compatibility: IBM 3270, TTY
Minimum Memory Required: 256K bytes
Maximum Memory Required: 256K bytes
Languages Supported: Unix
Processor Model: Motorola 68000
Simultaneous Users: No
Terminal Configuration: Cluster
Communications Protocols: SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 64
Character/Line: 84
Color Capability: No
List Price: \$10,000
Distribution Method: Third-party
Date First Installed: June 1982
(See Vendor Profile Page V-4)

BEDFORD COMPUTER CORP.

METEOR II
Compatibility: IBM 3270, TTY
Minimum Memory Required: 256K bytes
Maximum Memory Required: 256K

bytes
Languages Supported: J
Processor Model: Motorola 68000
Simultaneous Users: No
Terminal Configuration: Cluster
Communications Protocols: SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 64
Character/Line: 84
Color Capability: No
List Price: \$20,000
Distribution Method: Third-party
Date First Installed: June 1982

BEDFORD COMPUTER CORP.

METEOR III
Compatibility: IBM 3270, TTY
Minimum Memory Required: 256K bytes
Maximum Memory Required: 256K bytes
Languages Supported: Unix
Processor Model: Motorola 68000
Simultaneous Users: No
Terminal Configuration: Cluster
Communications Protocols: None, SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 64
Character/Line: 84
Color Capability: No
List Price: \$38,000
Distribution Method: Third-party
Date First Installed: June 1982

BEEHIVE INTERNATIONAL

ATL-008
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT100
Minimum Memory Required: 32K bytes
Maximum Memory Required: 128K bytes
Languages Supported: RPG
Processor Model: Motorola 68008
Simultaneous Users: No
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 27
Character/Line: 132
Color Capability: No
Program Function Keys: 246
List Price: \$2,995
Distribution Method: End user, OEM, Third-party
Date First Installed: June 1983
(See Vendor Profile Page V-5)

BEEHIVE INTERNATIONAL

TOPPER
Compatibility: TTY
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Zilog Z80A
Terminal Configuration: Stand-alone

Intelligent Terminals

Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Distribution Method: End user,
OEM, Third-party
Date First Installed: June 1982

BURROUGHS CORP.

ET 2000
Compatibility: IBM 3270; Burroughs
Plug Compatibility: IBM 3275;
Burroughs MT 985
Processor Model: Intel 8086
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous, Asynchronous,
Synchronous, Burroughs, Poll/Select
Data Transmission Characteristics:
Half-Duplex, Asynchronous,
Synchronous, Ascii
Maximum Transmission Speed:
38,400 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 26
Character/Line: 80
Color Capability: 8
Program Function Keys: 10,
standard; 20 maximum
List Price: \$3795
Distribution Method: End user
Date First Installed: August 1983
(See Vendor Profile Page V-5)

CHI CORP.

RAINBOW 100
Compatibility: Sperry
Plug Compatibility: Sperry UTS400
Minimum Memory Required: 64K
bytes
Maximum Memory Required: 256K
bytes
Languages Supported: Basic,
Pascal
Processor Model: Zilog Z80; Intel
8088
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 16 colors, optional
Program Function Keys: 14
List Price: \$4,995
Average Monthly Maintenance: \$45
Distribution Method: End user,
Third-party
Date First Installed: May 1983
(See Vendor Profile Page V-6)

CHROMATICS, INC.

CG SERIES
Specific Application: Business
Graphics
Minimum Memory Required: 16K
bytes
Maximum Memory Required: 96K
bytes
Languages Supported: Basic,
Pascal

Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
34,000 bit/sec
Diagonal Screen Size: 19 in.,
standard; 15 in., optional
Line/Screen: 51
Character/Line: 85
Color Capability: 16 colors, optional
Program Function Keys: 8,
standard; 8, maximum
List Price: \$7,995
Distribution Method: End user
Date First Installed: June 1978
(See Vendor Profile Page V-6)

CHROMATICS, INC.

CG 7900
Specific Application: Graphics;
CAD/CAM
Minimum Memory Required: 128K
bytes
Maximum Memory Required: 9M
bytes
Languages Supported: Fortran,
Pascal
Processor Model: Motorola 68000
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 768
Character/Line: 85
Color Capability: 256 colors,
optional
Program Function Keys: 32,
standard; 32, maximum
List Price: \$11,995
Distribution Method: End user
Date First Installed: March 1981

CODEX CORP.

CDX-268/1
Specific Application: OA
Compatibility: IBM 3270; TTY
Minimum Memory Required: 192K
bytes
Maximum Memory Required: 384K
bytes
Languages Supported: Cobol,
Basic
Processor Model: Motorola 6809
Simultaneous Users: Yes
Terminal Configuration: Cluster; 8
Communications Protocols:
Bisynchronous, X.25, Asynchronous,
SDLC, HDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 24
List Price: \$1,900
Distribution Method: End user, OEM
Date First Installed: 1980
(See Vendor Profile Page V-7)

COMARK CORP.

MB851
Maximum Memory Required: 24M
bytes
Languages Supported: Fortran,
Basic, Pascal, Forth
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 11,
standard; 11, maximum
List Price: \$7,000
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-7)

COMARK CORP.

DB-III
Maximum Memory Required: 8M
bytes
Languages Supported: Fortran,
Basic, Pascal
Processor Model: DEC 11/23
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols:
Programmable
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 11,
standard; 11, maximum
List Price: \$8,000
Distribution Method: End user
Date First Installed: June 1982

COMPUTEK, INC.

8115
Compatibility: TTY; DEC
Plug Compatibility: DEC VT100
Minimum Memory Required: 16K
bytes
Maximum Memory Required: 64K
bytes
Languages Supported: Assembler
Processor Model: Zilog Z80A
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 16, maximum
List Price: \$2,200
Distribution Method: OEM
Date First Installed: November 1981
(See Vendor Profile Page V-8)

COMPUTEK, INC.

8125
Compatibility: TTY; DEC
Plug Compatibility: DEC VT100
Minimum Memory Required: 64K
bytes
Maximum Memory Required: 256K
bytes
Languages Supported: Cobol,
Fortran, Basic, Pascal, Assembler
Simultaneous Users: Yes; 4
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous, X.25, Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 16, maximum
List Price: \$4,995
Distribution Method: Third-party
Date First Installed: November 1981

COMPUTER TALK, INC.

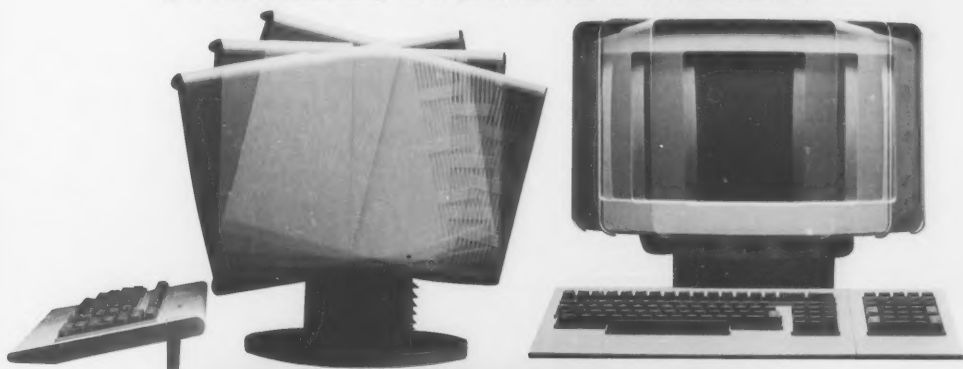
427 ECP
Minimum Memory Required: 64K
bytes
Maximum Memory Required: 64K
bytes
Languages Supported: Cobol,
Fortran, Basic
Processor Model: Zilog Z80
Simultaneous Users: Yes
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 19 in.
Line/Screen: 20, standard; 25,
optional
Character/Line: 64, standard; 80,
optional
Color Capability: No
Program Function Keys: 5
List Price: \$14,500
Distribution Method: End user
Date First Installed: June 1975
(See Vendor Profile Page V-8)

COMPUTER TALK, INC.

MODEL 423
Compatibility: TTY
Processor Model: Zilog Z80
Terminal Configuration: Stand-
alone
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 20, standard; 24,
optional
Character/Line: 64, standard; 80,
optional
Color Capability: No
Program Function Keys: 5,
standard; 5, maximum
List Price: \$3,606
Distribution Method: End user
Date First Installed: June 1975

ALFASKOP SYSTEM 41

IT MEETS HUMAN NEEDS.



IMPORT/EXPORT OF ORDER			
OUR ORDER NO.	81000012	DATE	01/01/82
OUR REF.	KLM	ORDER TYPE	ORD
ORDER TYPE	45	ALPHA	CO
YOUR REF.	8 PORTER	CO	CO
TERMINAL: AIR			
DEL. COND.	FRANCE	DEL. COND.	FRANCE
YOUR COND.	30 DAYS NET	YOUR COND.	30 DAYS NET
INSURANCE	COVERED BY US FOR YOU	INSURANCE	COVERED BY US FOR YOU
CITY NAME: 24 COLUMBIA STREET			
YOUR ADDR.	43 RUE DE STALLE	YOUR ADDR.	43 RUE DE STALLE
YOUR ADDR.	10-1000 BRUSSELS	YOUR ADDR.	10-1000 BRUSSELS
YOUR COUNTRY	BRUSSELS	YOUR COUNTRY	BRUSSELS
TEXT: PURCHASE OF ALFASKOP SYSTEM			

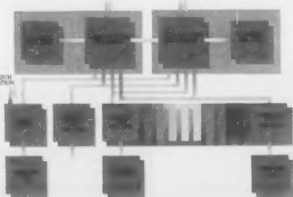
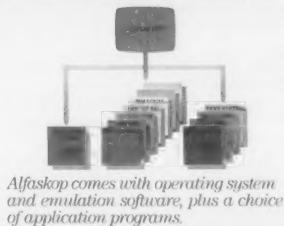


IT MEETS SYSTEM NEEDS.

Above all, Alfaskop System 41 meets *your* needs...for flexibility, distributed intelligence, expandability and ergonomics in a simple, integrated package.

On the system side, Alfaskop terminal, disk and printer modules let you design any configuration from a single dedicated workstation to a multi-terminal, multi-tasking network. The system is compatible with most hosts, offers a choice of communications processors and protocols (BSC and SNA/SDLC included), and is available with a comprehensive collection of emulations and local software programs.

On the human side, the system is easily tailored to operator preferences. The non-reflecting screen turns, tilts and swivels to suit any personal style.



With multi-host communication, mainframe selection is handled via keyboard commands.

The freestanding keyboard and its detachable numeric pad can be individually positioned and angled.

From both system and human viewpoints, Alfaskop fits your plans perfectly. For more information, contact Ericsson Information Systems, The Meadows Office Complex, 301 Route 17 North, Rutherford, NJ 07070. Telephone (201) 939-5300. Or Ericsson Information Systems Marketing Operations, 7465 Lampson Avenue, P.O. Box 938, Garden Grove, CA 92642. Telephone (714) 895-3962.

ERICSSON

For your information. It's Ericsson.

Intelligent Terminals

COMPUTER TALK, INC.

MODEL 425
Compatibility: TTY
Minimum Memory Required: 3K bytes
Maximum Memory Required: 3K bytes
Processor Model: Zilog Z80
Terminal Configuration: Stand-alone
Communications Protocols: RS-232
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 19 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 2 colors
Program Function Keys: 5, standard; 5, maximum
List Price: \$9,650
Distribution Method: End user
Date First Installed: March 1983

COMPUTER TALK, INC.

MODEL 427
Compatibility: TTY
Processor Model: Zilog Z80
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 5, standard; 5, maximum
List Price: \$4,379 to \$7,000
Distribution Method: End user
Date First Installed: June 1977

COMTEC INFORMATION

SYSTEMS, INC.
ALPHA-VERTER-500
Compatibility: TTY
Minimum Memory Required: 90K bytes
Languages Supported: PL/I
Processor Model: Intel 8085
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 1,200 bit/sec
Integrated Modem/Coupler: Standard
Line/Screen: 2
Character/Line: 40
Color Capability: No
Program Function Keys: 48, maximum
List Price: \$3,825
Distribution Method: End user
Date First Installed: November 1981
(See Vendor Profile Page V-9)

CHROMEMCO, INC.
C10, CKBA, CBL-CS
Compatibility: TTY
Plug Compatibility: Cromemco 3102
Minimum Memory Required: 64K

bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Zilog Z80A
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
List Price: \$1,240
Distribution Method: Third-party
Date First Installed: December 1982
(See Vendor Profile Page V-9)

CHROMEMCO, INC.

C10, CKBC, CBL-CS
Compatibility: TTY
Plug Compatibility: Cromemco 3102
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic
Processor Model: Zilog Z80A
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 20
List Price: \$1,440
Distribution Method: Third-party
Date First Installed: December 1982

DAKTRONICS

OLYMPIAN 80
Minimum Memory Required: 32K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Assembler
Processor Model: RCA 1802
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,500
Distribution Method: Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-10)

DATALOGICS, INC.

6300 SERIES
Specific Application: Typesetting

Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in., standard; 12 in., optional
Color Capability: No
List Price: \$7,000
Distribution Method: End user
Date First Installed: 1978
(See Vendor Profile Page V-10)

DATALOGICS, INC.

6350
Specific Application: Typesetting
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Color Capability: No
List Price: \$7,000
Distribution Method: End user
Date First Installed: 1983

DATAPONT CORP.

1560
Compatibility: IBM 3270; TTY; Honeywell; Burroughs; IBM 3780
Minimum Memory Required: 12K bytes
Maximum Memory Required: 128K bytes
Languages Supported: Fortran, Basic Plus
Processor Model: Zilog Z80A
Simultaneous Users: Yes
Terminal Configuration: Cluster; 4
Communications Protocols: Bisynchronous, SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 10, standard; 10, maximum
List Price: \$3,195
Average Monthly Maintenance: \$51
Distribution Method: End user
Date First Installed: October 1982
(See Vendor Profile Page V-11)

DATAPONT CORP.

8220
Compatibility: IBM 3270; TTY
Languages Supported: Cobol, RPG
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Cluster
Data Transmission Characteristics: Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler:

Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 10, standard; 10, maximum
List Price: \$1,895
Average Monthly Maintenance: \$18
Distribution Method: End user
Date First Installed: September 1981
(See Vendor Profile Page V-11)

DATAPONT CORP.

8600
Compatibility: IBM 3270; TTY
Minimum Memory Required: 128K bytes
Maximum Memory Required: 256K bytes
Languages Supported: Cobol, Fortran, Basic Plus
Processor Model: Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 55,000 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 10, standard; 10, maximum
List Price: \$7,500
Average Monthly Maintenance: \$60
Distribution Method: End user
Date First Installed: September 1981

DELTA DATA SYSTEMS CORP.

7260T
Compatibility: TTY
Processor Model: TI 9900
Communications Protocols: X.25, Echo
Data Transmission Characteristics: Half-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 28
Character/Line: 80
Color Capability: No
Program Function Keys: 36, standard; 36, maximum
List Price: \$7,500
Distribution Method: End user
Date First Installed: 1978
(See Vendor Profile Page V-12)

DELTA DATA SYSTEMS CORP.

7265T
Compatibility: TTY
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Processor Model: TI 9900
Terminal Configuration: Stand-alone
Communications Protocols: X.25
Data Transmission Characteristics: Half-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.

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Intelligent Terminals

Line/Screen: 28
Character/Line: 80
Color Capability: No
Program Function Keys: 36,
standard, 36, maximum
List Price: \$11,000
Distribution Method: End user
Date First Installed: 1978

DELTA DATA SYSTEMS CORP.

7268T
Compatibility: TTY
Minimum Memory Required: 64K
bytes
Maximum Memory Required: 64K
bytes
Languages Supported: Cobol,
Fortran, Basic, Pascal
Processor Model: TI 9900
Communications Protocols:
ACK/NAK
Data Transmission Characteristics:
Half-Duplex, Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 28
Character/Line: 80
Color Capability: No
Program Function Keys: 36,
standard, 36, maximum
List Price: \$12,000
Distribution Method: End user
Date First Installed: 1978

DELTA DATA SYSTEMS CORP.

7586
Compatibility: TTY
Processor Model: TI 9900
Data Transmission Characteristics:
Half-Duplex, Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 28
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard, 20, maximum
List Price: \$11,340
Distribution Method: End user
Date First Installed: 1977

DELTA DATA SYSTEMS CORP.

DELTA 2201
Compatibility: TTY
Minimum Memory Required: 32K
bytes
Maximum Memory Required: 64K
bytes
Processor Model: Intel 8085
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard, 16, maximum
List Price: \$2,200
Average Monthly Maintenance:
\$33
Distribution Method: Third-party
Date First Installed: 1981

DELTA DATA SYSTEMS CORP.

DELTA 2203
Specific Application: Data Entry
Compatibility: TTY

Minimum Memory Required: 256K
bytes
Maximum Memory Required: 256K
bytes
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16
List Price: \$2,300
Average Monthly Maintenance:
\$33
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1982

DELTA DATA SYSTEMS CORP.

DELTA 7103
Compatibility: TTY
Minimum Memory Required: 64K
bytes
Maximum Memory Required: 64K
bytes
Processor Model: TI 9900
Communications Protocols: X.25,
Echo
Data Transmission Characteristics:
Half-Duplex, Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 28
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard, 12, maximum
List Price: \$4,855
Average Monthly Maintenance:
\$33
Distribution Method: End user,
OEM, Third-party

DELTA DATA SYSTEMS CORP.

DELTA 7303
Specific Application: Text
Processing
Compatibility: TTY
Languages Supported: Basic, TDS
Processor Model: TI 9900
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Asynchronous
Diagonal Screen Size: 15 in.
Line/Screen: 28
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard, 12, maximum
List Price: \$4,855
Average Monthly Maintenance:
\$33
Distribution Method: End user,
OEM, Third-party

DELTA DATA SYSTEMS CORP.

DELTA 7506
Compatibility: TTY
Minimum Memory Required: 64K
bytes
Maximum Memory Required: 64K
bytes
Processor Model: TI 9900
Communications Protocols: Echo
Data Transmission Characteristics:

Half-Duplex, Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 28
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard, 12, maximum
List Price: \$6,000
Average Monthly Maintenance:
\$33
Distribution Method: End user,
OEM, Third-party

DENTRONIX SYSTEMS, INC.

D-400
Compatibility: TTY
Plug Compatibility: DG D400
Languages Supported: Cobol,
Fortran, Basic
Processor Model: Intel 8085
Simultaneous Users: No
Communications Protocols:
Standard DG
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard, 15 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 15,
standard, 15, maximum
List Price: \$1,450
Distribution Method: OEM
Date First Installed: April 1982
(See Vendor Profile Page V-12)

DENTRONIX SYSTEMS, INC.

DENTRONIX 200
Compatibility: TTY
Plug Compatibility: DG D200
Languages Supported: Cobol,
Fortran, Basic
Processor Model: Intel 8085
Simultaneous Users: No
Communications Protocols:
Standard DG
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard, 15 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 15,
standard, 15, maximum
List Price: \$1,450
Distribution Method: OEM
Date First Installed: April 1982

DICTAPHONE CORP.

6110/6111
Specific Application: WP
Compatibility: IBM 3270, TTY
Minimum Memory Required: 128K
bytes
Maximum Memory Required: 256K
bytes
Languages Supported: Cobol,
Fortran, Basic, Pascal
Processor Model: Intel 8085
Terminal Configuration: Cluster; 14
Communications Protocols:
Bisynchronous, Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous

Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$5,950
Average Monthly Maintenance:
\$60
Distribution Method: End user
Date First Installed: November 1983
(See Vendor Profile Page V-12)

DICTAPHONE CORP.

6140/6141
Specific Application: WP
Compatibility: IBM 3270
Minimum Memory Required: 128K
bytes
Maximum Memory Required: 256K
bytes
Languages Supported: Cobol,
Fortran, Basic, Pascal
Processor Model: Intel 8085
Terminal Configuration: Cluster; 14
Communications Protocols:
Bisynchronous, Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Average Monthly Maintenance:
\$60
Distribution Method: End user

DICTAPHONE CORP.

6150/6151
Specific Application: WP
Compatibility: IBM 3270
Minimum Memory Required: 128K
bytes
Maximum Memory Required: 256K
bytes
Languages Supported: Cobol,
Fortran, Basic, Pascal
Processor Model: Intel 8085
Terminal Configuration: Cluster; 14
Communications Protocols:
Bisynchronous, Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Average Monthly Maintenance:
\$60
Distribution Method: End user

ECS MICROSYSTEMS, INC.

4000
Compatibility: IBM 3270, TTY;
Honeywell; Sperry; Burroughs; NCR
Plug Compatibility: IBM 3270
Processor Model: Zilog Z80
Terminal Configuration: Cluster; 8
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No

Intelligent Terminals

Program Function Keys: 16, standard; 16, maximum
Distribution Method: Third-party
Date First Installed: 1978
(See Vendor Profile Page V-14)

ECIS MICROSYSTEMS, INC.

4100
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR
Plug Compatibility: IBM 3270
Processor Model: Zilog Z80
Terminal Configuration: Cluster; 8
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 16, maximum
Distribution Method: Third-party
Date First Installed: 1981

ECIS MICROSYSTEMS, INC.

4200
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR
Plug Compatibility: IBM 3270
Languages Supported: Cobol, Fortran, Basic, Pascal, Assembler
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Cluster; 8
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 16, maximum
Distribution Method: Third-party
Date First Installed: 1982

ECIS MICROSYSTEMS, INC.

4500
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR
Plug Compatibility: IBM 3270
Languages Supported: Cobol, Fortran, Basic, Pascal, Assembler
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Cluster; 8
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 16, maximum
Distribution Method: Third-party
Date First Installed: 1980

ECIS MICROSYSTEMS, INC.

4600
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR

Plug Compatibility: IBM 3270
Languages Supported: Cobol, Fortran, Basic, Pascal, Assembler
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Cluster; 8
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 16, maximum
Distribution Method: Third-party
Date First Installed: 1981

ECIS MICROSYSTEMS, INC.

4700
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR
Plug Compatibility: IBM 3270
Languages Supported: Cobol, Fortran, Basic, Pascal, Assembler
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Cluster; 8
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 16, maximum
Distribution Method: Third-party
Date First Installed: 1982

ECIS MICROSYSTEMS, INC.

5000
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR
Plug Compatibility: IBM 3270
Languages Supported: Cobol, Fortran, Basic, Pascal, Assembler
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Cluster; 8
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 16, maximum
Distribution Method: Third-party
Date First Installed: 1982

ESPRIT SYSTEMS, INC.

ESPRIT I
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: Regent 25; Hazeltine 1500; ADDS
Processor Model: Rockwell 6502
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols:

Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14
List Price: \$595
Distribution Method: OEM, Third-party
Date First Installed: April 1981
(See Vendor Profile Page V-14)

ESPRIT SYSTEMS, INC.

ESPRIT II
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: Hazeltine 1510
Processor Model: Rockwell 6502
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14
List Price: \$645
Distribution Method: OEM, Third-party
Date First Installed: April 1982

ESPRIT SYSTEMS, INC.

ESPRIT III
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: Televideo 950
Minimum Memory Required: 4K bytes
Maximum Memory Required: 256K bytes
Processor Model: Rockwell 6502B
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, RS-232D
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: Yes
Program Function Keys: 22
List Price: \$895
Distribution Method: OEM, Third-party
Date First Installed: December 1982

ESPRIT SYSTEMS, INC.

EXECUTIVE MODEL 10
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: Hazeltine 1500
Minimum Memory Required: 6K bytes
Maximum Memory Required: 64K bytes
Processor Model: Intel 8085
Simultaneous Users: No

Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16
List Price: \$1,195
Distribution Method: End user, OEM
Date First Installed: May 1982

ESSEX ENGINEERING CO.

SX 1101
Specific Application: Data Collection
Compatibility: TTY
Minimum Memory Required: 64K bytes
Maximum Memory Required: 1M bytes
Languages Supported: Basic, PL/I
Processor Model: Zilog Z80A
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Asynchronous
Maximum Transmission Speed: 4800 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 40
Color Capability: No
Program Function Keys: 10, standard; 10, maximum
List Price: \$11,000
Average Monthly Maintenance: \$110
Distribution Method: End user
Date First Installed: July 1982
(See Vendor Profile Page V-14)

EXTEL CORP.

E-31
Specific Application: Communications
Compatibility: TTY
Maximum Memory Required: 32K bytes
Processor Model: Zilog Z80
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 300 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$2,900
Average Monthly Maintenance: \$50
Distribution Method: End user
Date First Installed: January 1979
(See Vendor Profile Page V-15)

GENERAL DIGITAL INDUSTRIES, INC.

DGT 66
Specific Application: Graphics
Compatibility: TTY

Intelligent Terminals

Plug Compatibility: DEC VT100; ISC 8001; Tektronix 4014
Processor Model: Motorola 68000
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 512 colors
Program Function Keys: 16, maximum
List Price: \$4,500
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-15)

OTECH CORP.
GSC-101
Specific Application: Lottery Ticket Sales
Compatibility: None
Plug Compatibility: No
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Fortran, Assembler
Processor Model: Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 5 in.
Line/Screen: 20
Character/Line: 40
Color Capability: 8 colors, optional
List Price: \$6,500
Distribution Method: End user
Date First Installed: August 1982
(See Vendor Profile Page V-16)

HARRIS CORP.
517B
Compatibility: IBM 3270
Minimum Memory Required: 16K bytes
Maximum Memory Required: 64K bytes
Processor Model: Zilog Z80
Simultaneous Users: No
Communications Protocols: SDLC
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
(See Vendor Profile Page V-16)

HARRIS CORP.
527B-51
Compatibility: IBM 3270
Minimum Memory Required: 16K bytes

Maximum Memory Required: 64K bytes
Languages Supported: Basic
Processor Model: Zilog Z80
Simultaneous Users: No
Diagonal Screen Size: 15 in.
Line/Screen: 12, standard; 12, optional
Character/Line: 80, standard; 40, optional

HARRIS CORP.
527B-02
Compatibility: IBM 3270
Minimum Memory Required: 16K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Basic
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: SDLC
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
Date First Installed: May 1980

HARRIS CORP.
527B-11
Compatibility: IBM 3270
Minimum Memory Required: 16K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Basic
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: SDLC
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 32
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
Date First Installed: April 1981

HARRIS CORP.
527B-12
Compatibility: IBM 3270
Minimum Memory Required: 16K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Basic
Processor Model: Zilog Z80
Simultaneous Users: No
Communications Protocols: SDLC
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 43
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum

Distribution Method: End user
Date First Installed: April 1981

HARRIS CORP.
527B-15
Specific Application: Data Entry
Compatibility: IBM 3270
Minimum Memory Required: 16K bytes
Maximum Memory Required: 32K bytes
Processor Model: Z80
Simultaneous Users: No
Communications Protocols: SDLC
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 27
Character/Line: 132
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
Date First Installed: July 1982

HARRIS CORP.
527B-2A
Specific Application: Data Entry
Compatibility: IBM 3270
Minimum Memory Required: 16K bytes
Maximum Memory Required: 32K bytes
Processor Model: Zilog Z80
Simultaneous Users: No
Communications Protocols: SDLC
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 4 colors
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
Date First Installed: July 1982

HARRIS CORP.
MULTIFUNCTION 527B
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Regal
Processor Model: Zilog Z80
Simultaneous Users: Yes
Communications Protocols: X.25
Data Transmission Characteristics: Synchronous
Maximum Transmission Speed: 500K bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25, standard; 33, optional
Character/Line: 80
Color Capability: 2 colors
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
Date First Installed: May 1981

HARRIS CORP.
MULTIFUNCTION 9285
Minimum Memory Required: 32K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Regal
Processor Model: Zilog Z80
Simultaneous Users: Yes

Terminal Configuration: Cluster; 60
Communications Protocols: X.25
Data Transmission Characteristics: Synchronous
Maximum Transmission Speed: 38,000 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: 2 colors
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
Date First Installed: May 1981

HASTECH, INC.
PAGE PRO
Minimum Memory Required: 192K bytes
Languages Supported: Assembler
Processor Model: TI 9900
Simultaneous Users: No
Terminal Configuration: Cluster; 8
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Diagonal Screen Size: 19 in.
Color Capability: No
Distribution Method: End user, Third-party
Date First Installed: January 1980
(See Vendor Profile Page V-00)

HEWLETT-PACKARD CO.
HP2647F
Specific Application: Graphics
Minimum Memory Required: 12K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Basic
Processor Model: Intel 8085
Simultaneous Users: No
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 8
List Price: \$9,950
Average Monthly Maintenance: \$89
Distribution Method: End user, OEM
Date First Installed: September 1981
(See Vendor Profile Page V-17)

HMW ENTERPRISES, INC.
9080
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: ISC 8001-G; DEC VT100
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Processor Model: Intel 80-85
Simultaneous Users: No
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 76,800 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 13 in.,

Intelligent Terminals

standard; 19 in., optional
Line/Screen: 24, standard; 48,
optional
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$2,200
Distribution Method: OEM
Date First Installed: June 1982
(See Vendor Profile Page V-17)

HMW ENTERPRISES, INC.

9081
Specific Application: Process
Control
Plug Compatibility: ISC 8001-G;
DEC VT100
Languages Supported: Assembler
Processor Model: Intel 8085
Simultaneous Users: Yes
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16,
standard; 16, maximum
List Price: \$5,100
Distribution Method: Third-party
Date First Installed: June 1982

HMW ENTERPRISES, INC.

9083
Specific Application: Process
Control
Plug Compatibility: ISC 8001-G;
DEC VT100
Languages Supported: Assembler
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 13 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16,
standard; 16, maximum
List Price: \$4,100
Distribution Method: Third-party
Date First Installed: June 1982

HMW ENTERPRISES, INC.

9083 S
Specific Application: Process
Control
Plug Compatibility: ISC 8001-G;
DEC VT100
Languages Supported: Assembler
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Asynchronous

Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 13 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16,
standard; 16, maximum
List Price: \$4,100
Distribution Method: Third-party
Date First Installed: February 1983

HMW ENTERPRISES, INC.

9203
Specific Application: Process
Control
Plug Compatibility: ISC 8001-G,
VT100
Languages Supported: Assembler
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 13 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 13,
standard; 13, maximum
List Price: \$5,500
Distribution Method: Third-party
Date First Installed: December 1982

HUMAN DESIGNED SYSTEMS, INC.

CONCEPT AVT
Specific Application: Text Editing
Compatibility: TTY
Plug Compatibility: DEC VT100
Processor Model: Zilog Z80A
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 43,
standard; 43, maximum
List Price: \$1,295
Distribution Method: End user
Date First Installed: November 1982
(See Vendor Profile Page V-17)

HUMAN DESIGNED SYSTEMS, INC.

CONCEPT GVT
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: DEC VT100,
Tektronix 4010
Processor Model: Zilog Z80A
Simultaneous Users: No
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:

Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 43,
standard; 43, maximum
Distribution Method: End user
Date First Installed: February 1983

HUMAN DESIGNED SYSTEMS, INC.

CONCEPT AVT-APL
Specific Application: Text Editing
Compatibility: TTY
Plug Compatibility: DEC VT100
Processor Model: Zilog Z80A
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 43
List Price: \$1,295
Distribution Method: End user
Date First Installed: November 1982

HUMAN DESIGNED SYSTEMS, INC.

CONCEPT APL8
Specific Application: Text Editing
Compatibility: TTY
Plug Compatibility: DEC VT100
Processor Model: Zilog Z80A
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 16,
standard; 38, maximum
Distribution Method: End user
Date First Installed: January 1981

HUMAN DESIGNED SYSTEMS, INC.

CONCEPT 108
Specific Application: Text Editing
Compatibility: TTY
Processor Model: Zilog Z80A
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 16,
standard; 38, maximum

Distribution Method: End user
Date First Installed: January 1981

ICL, INC.

DRS 10
Compatibility: IBM 3270
Minimum Memory Required: 112K
bytes
Maximum Memory Required: 112K
bytes
Languages Supported: Cobol,
Basic, Pascal
Processor Model: Intel 8085
Simultaneous Users: Yes
Terminal Configuration: Cluster
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 17
List Price: \$3,995
Distribution Method: End user,
Third-party
Date First Installed: March 1982
(See Vendor Profile Page V-17)

ICL, INC.

DRS 20
Compatibility: IBM 3270
Minimum Memory Required: 160K
bytes
Maximum Memory Required: 224K
bytes
Languages Supported: Cobol,
Basic, Pascal
Processor Model: Intel 8085
Simultaneous Users: Yes
Terminal Configuration: Cluster
Communications Protocols: X.25,
Asynchronous, Synchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 17
List Price: \$6,050
Distribution Method: End user,
Third-party
Date First Installed: December 1982

Additional information
provided for by vendor

DRS 20
Distributed resource system
Multimicroprocessor architec-
ture
Full networking capability
Cobol, Basic, Pascal and CP/M
Word processing
Full range of peripherals
Application software available
Works in standard office envi-
ronment!

ICL, INC.

DRS 25
Compatibility: IBM 3270
Minimum Memory Required: 160K
bytes

Intelligent Terminals

Maximum Memory Required: 224K bytes
Languages Supported: Cobol, Basic, Pascal
Processor Model: Intel 8085
Simultaneous Users: Yes
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous, Sperry
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 2
Character/Line: 80
Color Capability: No
Program Function Keys: 17
List Price: \$9,050
Distribution Method: End user, Third-party
Date First Installed: December 1982

ICL, INC.

DRS 40
Compatibility: IBM 3270
Minimum Memory Required: 160K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Cobol, Basic, Pascal
Processor Model: Intel 8085
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous, Sperry
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 17
List Price: \$7,900
Distribution Method: End user, Third-party
Date First Installed: March 1982

ICL, INC.

DRS 50
Compatibility: IBM 3270
Minimum Memory Required: 160K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Cobol, Basic, Pascal
Processor Model: Intel 8085
Simultaneous Users: Yes
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous, Sperry
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 17
List Price: \$13,945
Distribution Method: End user, Third-party
Date First Installed: March 1982

ICOT CORP.

ICOT-757
Specific Application: Airline Terminal

Compatibility: IBM 3270
Plug Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Processor Model: Intel 8088
Simultaneous Users: Yes
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Diagonal Screen Size: 12 in.
Line/Screen: 15, standard; 27, optional
Character/Line: 64, standard; 132, optional
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$2,395
Distribution Method: End user
Date First Installed: December 1982
(See Vendor Profile Page V-17)

ICOT CORP.

ICOT-767
Specific Application: Airline Terminal
Compatibility: IBM 3270
Plug Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Processor Model: Intel 8088
Simultaneous Users: Yes
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 15, standard; 27, optional
Character/Line: 64, standard; 132, optional
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$2,595
Distribution Method: End user
Date First Installed: December 1982

ICOT CORP.

ICOT-768
Specific Application: Airline Terminal
Compatibility: IBM 3270
Plug Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Processor Model: Intel 8088
Simultaneous Users: Yes
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous, PARS
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 15, standard; 27, optional
Character/Line: 64, standard; 132, optional
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$2,995
Distribution Method: End user
Date First Installed: December 1982

IDEOGRAPHIX, INC.

IPX 5400
Specific Application: Chinese DP
Compatibility: IBM 3270, 2280; TTY; Honeywell; Sperry; Burroughs; CDC
Plug Compatibility: IBM 2870, IBM 3870
Minimum Memory Required: 128K bytes
Maximum Memory Required: 99M bytes
Languages Supported: PL/1, Fortran, Macro Assembler
Processor Model: Intel 8086
Simultaneous Users: Yes
Terminal Configuration: Cluster; 4
Communications Protocols: Bisynchronous, X.25, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Color Capability: Yes, optional
Program Function Keys: 35, standard; 160, maximum
List Price: \$20,000
Average Monthly Maintenance: \$140
Distribution Method: End user
Date First Installed: June 1972
(See Vendor Profile Page V-17)

ID SYSTEMS CORP.

ID-188
Compatibility: TTY
Plug Compatibility: DEC VT100; Tektronix 4010
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Intel 8088
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 48, optional
Character/Line: 80
Color Capability: Yes
Program Function Keys: 4, standard; 4, maximum
List Price: \$10,445
Distribution Method: End user, OEM
Date First Installed: 1983
(See Vendor Profile Page V-18)

IMC CORP.

FACTORY WORK STATION
Specific Application: Data Collection
Compatibility: IBM 3270; TTY
Minimum Memory Required: 2K bytes
Maximum Memory Required: 26K bytes
Languages Supported: Assembly
Processor Model: Rockwell 6502
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous

Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 3 in.
Line/Screen: 2
Character/Line: 20
Color Capability: No
Program Function Keys: 10, standard; 20, maximum
List Price: \$1,195
Average Monthly Maintenance: \$25
Distribution Method: End user
Date First Installed: October 1982
(See Vendor Profile Page V-18)

IMC CORP.

MOBILE WORK STATION
Specific Application: Data Collection
Compatibility: IBM 3270; TTY
Languages Supported: Assembly
Processor Model: Rockwell 6502
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 7 in.
Line/Screen: 16
Character/Line: 28
Color Capability: No
Program Function Keys: 10, standard; 20, maximum
List Price: \$5,495
Distribution Method: End user
Date First Installed: September 1980

IMLAC CORP.

1600 ID
Minimum Memory Required: 64K bytes
Maximum Memory Required: 192K bytes
Processor Model: Intel 8086
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 50
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
List Price: \$21,700
Average Monthly Maintenance: \$230
Distribution Method: End user, OEM, Third-party
Date First Installed: March 1982
(See Vendor Profile Page V-18)

IMLAC CORP.

SERIES 2 MODEL 8000
Specific Application: Graphics
Minimum Memory Required: 64K bytes
Maximum Memory Required: 192K bytes
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone



It's time the technology of data collection caught up to the technology of data processing.

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The world leader in portable data collection systems.

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Communications Protocols:

Bisynchronous, X.25
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 50
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
 standard; 24, maximum
List Price: \$15,750
Average Monthly Maintenance:
 \$145
Distribution Method: End user,
 OEM, Third-party
Date First Installed: May 1981

INDUSTRIAL DATA TERMINALS

IDT 1900
Specific Application: Graphics
Minimum Memory Required: 32K
 bytes
Maximum Memory Required: 32K
 bytes
Simultaneous Users: No
Communications Protocols: None
Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 19 in.
Color Capability: 8 colors
Program Function Keys: 27,
 standard; 27, maximum
List Price: \$7,500
Average Monthly Maintenance:
 \$75
Distribution Method: End user
Date First Installed: June 1981
 (See Vendor Profile Page V-18)

INDUSTRIAL DATA TERMINALS

IDT 2200
Specific Application: Graphics
Minimum Memory Required: 32K
 bytes
Maximum Memory Required: 32K
 bytes
Simultaneous Users: No
Communications Protocols: None
Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 19 in.
Color Capability: 8 colors
Program Function Keys: 27,
 standard; 27, maximum
List Price: \$12,000
Distribution Method: End user
Date First Installed: March 1980

INDUSTRIAL DATA TERMINALS

IDT 2250
Specific Application: Graphics
Compatibility: Burroughs
Minimum Memory Required: 32K
 bytes
Maximum Memory Required: 32K
 bytes
Simultaneous Users: No
Communications Protocols: None
Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 19 in.
Color Capability: 8 colors
Program Function Keys: 27,

standard; 27, maximum
List Price: \$16,595
Distribution Method: End user
Date First Installed: February 1981

INFORMATION DEVICES CORP.

RMS-600
Specific Application: Graphics
Compatibility: IBM 3270
Minimum Memory Required: 64K
 bytes
Languages Supported: Basic
Processor Model: Intel 8080
Simultaneous Users: Yes
Terminal Configuration: Cluster; 16
Communications Protocols:
 Bisynchronous, X.25, Asynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$50,000
Average Monthly Maintenance:
 \$220
Distribution Method: End user
Date First Installed: January 1981
 (See Vendor Profile Page V-19)

INSTRUMENTATION LABORATORY, INC.

PIXEL-80
Specific Application: Graphics
Compatibility: IBM 3270; TTY
Minimum Memory Required: 512K
 bytes
Maximum Memory Required: 6M
 bytes
Languages Supported: Cobol,
 Fortran, Pascal, APL
Processor Model: Motorola 68000
Simultaneous Users: Yes
Communications Protocols: SDLC,
 HDLC
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 9,
 standard; 9, maximum
List Price: \$14,000
Distribution Method: OEM
 (See Vendor Profile Page V-19)

INTECOLOR

INTECOLOR 8001
Compatibility: TTY
Minimum Memory Required: 8K
 bytes
Maximum Memory Required: 64K
 bytes
Languages Supported: Fortran,
 Basic, Assembler
Processor Model: Intel 8080
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols: None
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80

Color Capability: 8 colors
Program Function Keys: 16,
 maximum
List Price: \$2,395
Distribution Method: Third-party
Date First Installed: 1973
 (See Vendor Profile Page V-19)

INTECOLOR

INTECOLOR 8051
Compatibility: TTY
Languages Supported: Fortran,
 Basic
Processor Model: Intel 8080
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16,
 maximum
List Price: \$3,880
Distribution Method: Third-party

INTECOLOR

INTECOLOR 8052
Compatibility: TTY
Languages Supported: Fortran,
 Basic, Assembler
Processor Model: Intel 8080
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16,
 maximum
List Price: \$4,495
Distribution Method: Third-party

INTECOLOR

INTECOLOR 8053
Compatibility: TTY
Languages Supported: Fortran,
 Basic, Assembler
Processor Model: Intel 8080
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols: None
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16,
 maximum
List Price: \$5,495
Distribution Method: Third-party

INTECOLOR

INTECOLOR 8054
Compatibility: TTY
Languages Supported: Fortran,
 Basic, Assembler

Processor Model: Intel 8080
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols: None
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16,
 maximum
List Price: \$6,495
Distribution Method: Third-party

INTECOLOR

INTECOLOR 8083
Compatibility: TTY
Maximum Memory Required: 64K
 bytes
Languages Supported: Fortran,
 Basic, Assembler
Processor Model: Intel 8080
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols: None
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 8,
 maximum
List Price: \$5,955
Distribution Method: Third-party

INTECOLOR

INTECOLOR 8084
Compatibility: TTY
Languages Supported: Fortran,
 Basic, Assembler
Processor Model: Intel 8080
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols: None
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 8,
 maximum
List Price: \$7,085
Distribution Method: Third-party

INTERNATIONAL ENTRY

SYSTEMS, INC.
DATAACORDER II
Compatibility: TTY
Minimum Memory Required: 64K
 bytes
Maximum Memory Required: 64K
 bytes
Processor Model: Zilog Z80
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous, X.25
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous

Intelligent Terminals

Maximum Transmission Speed: 19,200 bit/sec.
Line/Screen: 24
Character/Line: 40
Color Capability: No
Distribution Method: Third-party
(See Vendor Profile Page V-20)

INTERNATIONAL ENTRY SYSTEMS, INC.

DATAORDER III
Compatibility: TTY
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Processor Model: Zilog Z80
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 2 in.
Line/Screen: 24
Character/Line: 80, standard
Color Capability: No
Distribution Method: Third-party

INTERTEC DATA SYSTEMS CORP.

COMPUSTAR VPU 10
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, PL/I
Processor Model: Zilog Z80A
Simultaneous Users: Yes
Terminal Configuration: Cluster; 1
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$1,995
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-20)

INTERTEC DATA SYSTEMS CORP.

COMPUSTAR VPU 20
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, PL/I
Processor Model: Zilog Z80A
Simultaneous Users: Yes
Terminal Configuration: Cluster; 1
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$2,995

Distribution Method: OEM
Date First Installed: 1981

INTERTEC DATA SYSTEMS CORP.

COMPUSTAR VPU 30
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, PL/I
Processor Model: Zilog Z80A
Simultaneous Users: Yes
Terminal Configuration: Cluster; 1
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,495
Distribution Method: OEM
Date First Installed: 1981

INTERTEC DATA SYSTEMS CORP.

COMPUSTAR VPU 40
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, PL/I
Processor Model: Zilog Z80A
Simultaneous Users: Yes
Terminal Configuration: Cluster; 1
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,995
Distribution Method: End user
Date First Installed: 1981

INTERTEC DATA SYSTEMS CORP.

SUPERBRAIN II JR.
Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, PL/I
Processor Model: Zilog Z80A
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$2,495
Distribution Method: OEM
Date First Installed: January 1978

INTERTEC DATA SYSTEMS CORP.

SUPERBRAIN II QD
Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, PL/I
Processor Model: Zilog Z80A
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$2,995
Distribution Method: OEM
Date First Installed: January 1978

INTERTEC DATA SYSTEMS CORP.

SUPERBRAIN II SD
Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, PL/I
Processor Model: Zilog Z80A
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,495
Distribution Method: OEM
Date First Installed: January 1978

ITEK COMPOSITION SYSTEMS 80

Compatibility: TTY
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Assembly
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 9
List Price: \$4,600
Distribution Method: End user
Date First Installed: June 1982
(See Vendor Profile Page V-20)

ITEK COMPOSITION SYSTEMS 81

Specific Application: Text Editing
Compatibility: TTY
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Assembly
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 9
List Price: \$5,900
Distribution Method: End user, Third-party
Date First Installed: August 1982

ITHACA INTERSYSTEMS, INC.

GRAPHIC II
Specific Application: Business Graphics
Compatibility: TTY
Plug Compatibility: Tektronix 4010, DEC VT100
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Any
Processor Model: Motorola 68000
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: RS-1708
Line/Screen: 16, optional
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 30
Character/Line: 800
Color Capability: 256 colors
Program Function Keys: 7, standard; 7, maximum
List Price: \$7,995
Distribution Method: Third-party
Date First Installed: January 1983
(See Vendor Profile Page V-20)

JUPITER SYSTEMS, INC.

JUPITER 12
Specific Application: Graphics
Languages Supported: Fortran, Basic, Pascal
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,000 bit/sec
Diagonal Screen Size: 19 in.
Color Capability: 16 colors
Program Function Keys: 30, standard; 30, maximum
List Price: \$25,000
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-21)

Intelligent Terminals

MEGADATA CORP.

8178
Compatibility: IBM 3270; TTY;
 Honeywell
Minimum Memory Required: 128K
 bytes
Maximum Memory Required: 512K
 bytes
Languages Supported: Cobol,
 Fortran, Basic, Pascal
Processor Model: Motorola 68000
Simultaneous Users: Yes
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bysynchronous, X.25
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous
Maximum Transmission Speed:
 9,600 bit/sec
Integrated Modem/Coupler:
 Optional
Diagonal Screen Size: 15 in.
Line/Screen: 29
Character/Line: 132
Color Capability: 4, optional
Program Function Keys: 100,
 maximum
List Price: \$2,500
Distribution Method: End user
Date First Installed: January 1983
 (See Vendor Profile Page V-23)

MEGADATA CORP.

8188
Compatibility: IBM 3270; TTY;
 Honeywell
Minimum Memory Required: 128K
 bytes
Maximum Memory Required: 512K
 bytes
Languages Supported: Cobol,
 Fortran, Basic, Pascal
Processor Model: Motorola 68000
Simultaneous Users: Yes
Terminal Configuration: Cluster; 32
Communications Protocols:
 Bysynchronous, X.25
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous
Maximum Transmission Speed:
 9,600 bit/sec
Integrated Modem/Coupler:
 Optional
Diagonal Screen Size: 15 in.
Line/Screen: 29
Character/Line: 132
Color Capability: 4 colors, optional
Program Function Keys: 100,
 maximum
List Price: \$2,500
Distribution Method: End user
Date First Installed: January 1983

MEGATEK CORP.

1650
Plug Compatibility: DEC VT100,
 DEC VT52
Minimum Memory Required: 128K
 bytes
Maximum Memory Required: 256K
 bytes
Languages Supported: Fortran
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bysynchronous
Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 19,200 bit/sec

Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: Yes
Program Function Keys: 16
List Price: \$15,900
Average Monthly Maintenance:
 \$130
Distribution Method: OEM
Date First Installed: November 1982
 (See Vendor Profile Page V-23)

MEGATEK CORP.

6300
Specific Application: CAD/CAM
Minimum Memory Required: 32K
 bytes
Maximum Memory Required: 96K
 bytes
Languages Supported: Fortran
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bysynchronous
Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 96,000 bit/sec
Diagonal Screen Size: 12 in.
Character/Line: 80
Color Capability: Yes, optional
Program Function Keys: 16,
 standard; 16, maximum
List Price: \$17,900
Distribution Method: OEM
Date First Installed: January 1980

MEGATEK CORP.

7200
Specific Application: CAD/CAM
Minimum Memory Required: 32K
 bytes
Maximum Memory Required: 96K
 bytes
Languages Supported: Fortran
Simultaneous Users: Yes
Terminal Configuration: Cluster; 2
Communications Protocols: DMA
Data Transmission Characteristics:
 Synchronous
Maximum Transmission Speed:
 1,200,000 bit/sec
Diagonal Screen Size: 12 in.
Character/Line: 80
Color Capability: Yes, optional
Program Function Keys: 16,
 standard; 32, maximum
Average Monthly Maintenance:
 \$300
Distribution Method: OEM
Date First Installed: January 1980

MICRODATA CORP.

5750
Minimum Memory Required: 16K
 bytes
Maximum Memory Required: 64K
 bytes
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Asynchronous, Hasp
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 8,

standard; 8, maximum
List Price: \$5,100
Average Monthly Maintenance:
 \$55
Distribution Method: End user,
 Third-party
Date First Installed: 1980
 (See Vendor Profile Page V-24)

MICRODATA CORP.

7510
Compatibility: IBM 3270
Minimum Memory Required: 16K
 bytes
Maximum Memory Required: 64K
 bytes
Simultaneous Users: No
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Asynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 8,
 standard; 8, maximum
List Price: \$6,825
Average Monthly Maintenance:
 \$57
Distribution Method: End user
Date First Installed: 1978

MICROMATION

M/SYSTEM
Compatibility: IBM 3270
Minimum Memory Required: 64K
 bytes
Languages Supported: Cobol,
 Fortran, Basic, Basic Plus, Basic
 Plus 2, Pascal, RPG, APL, PL/I
Processor Model: Zilog Z80
Terminal Configuration: Cluster
Communications Protocols:
 Bysynchronous, SDLC
Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 3
List Price: \$6,000
Distribution Method: Third-party
Date First Installed: September
 1979
 (See Vendor Profile Page V-24)

MICROMATION

MARINER
Compatibility: IBM 3270
Minimum Memory Required: 64K
 bytes
Languages Supported: Cobol,
 Fortran, Basic, Basic Plus, Basic
 Plus 2, Pascal, APL, PL/I
Processor Model: Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Cluster; 1
Communications Protocols:
 Bysynchronous, SDLC
Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80

Color Capability: No
Program Function Keys: 3
List Price: \$7,000
Distribution Method: Third-party
Date First Installed: September
 1979

MICROMATION

M/SYSTEM
Compatibility: IBM 3270
Minimum Memory Required: 64K
 bytes
Languages Supported: Cobol,
 Fortran, Basic, Basic Plus, Basic
 Plus 2, Pascal, RPG, APL, PL/I
Processor Model: Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bysynchronous, SDLC
Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 3
List Price: \$6,990
Distribution Method: Third-party
Date First Installed: October 1982

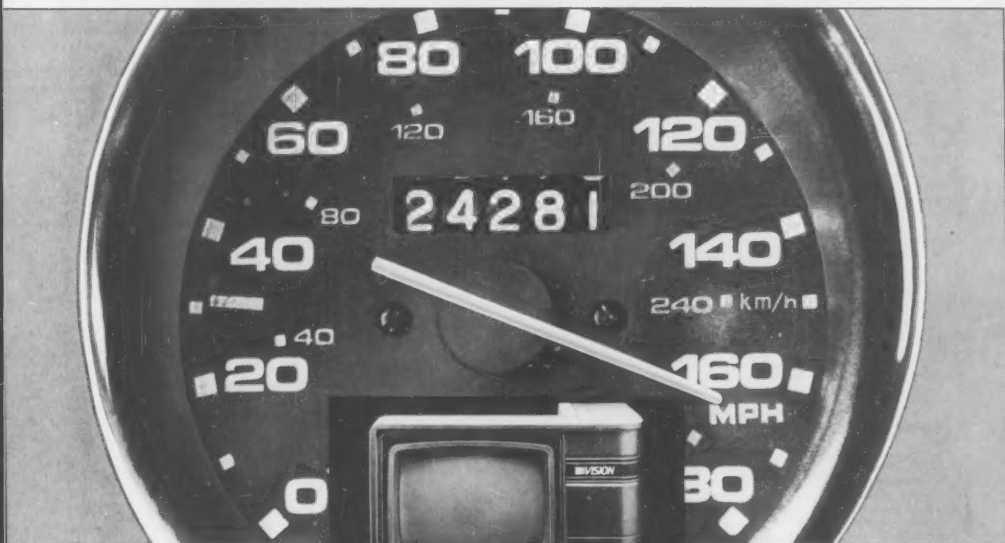
MICROPROCESSOR

SYSTEMS, INC.
RUBICON 2000
Specific Application: Data Entry and
 WP
Plug Compatibility: IBM 3350
Minimum Memory Required: 122K
 bytes
Maximum Memory Required: 256K
 bytes
Languages Supported: Basic
Simultaneous Users: Yes
Terminal Configuration: Cluster; 5
Data Transmission Characteristics:
 Half-Duplex, Asynchronous,
 Synchronous
Integrated Modem/Coupler:
 Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 132
Color Capability: No
Program Function Keys: 14
Distribution Method: Third-party
 (See Vendor Profile Page V-24)

MICROPROCESSOR

SYSTEMS, INC.
RUBICON 2001
Specific Application: Data Entry and
 WP
Plug Compatibility: IBM 3350
Minimum Memory Required: 122K
 bytes
Maximum Memory Required: 256K
 bytes
Languages Supported: Basic
Simultaneous Users: Yes
Terminal Configuration: Cluster; 5
Data Transmission Characteristics:
 Half-Duplex, Asynchronous,
 Synchronous
Integrated Modem/Coupler:
 Standard
Diagonal Screen Size: 22 in.
Line/Screen: 24
Character/Line: 132
Color Capability: No
Program Function Keys: 14
Distribution Method: Third-party

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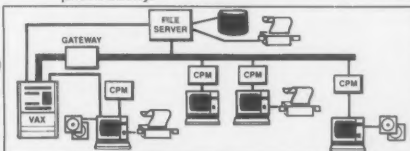
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Intelligent Terminals

MICRO SYSTEMS DEVELOPMENT CORP., INC.

MDC 350

Specific Application: Graphics Arts

Compatibility: TTY

Plug Compatibility: Compugraphic

MDT 350

Minimum Memory Required: 32K

bytes

Maximum Memory Required: 32K

bytes

Languages Supported: Assembly

Processor Model: Intel 8085

Simultaneous Users: No

Terminal Configuration: Stand-

alone

Communications Protocols:

Bisynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex,

Asynchronous

Maximum Transmission Speed:

9,600 bit/sec

Diagonal Screen Size: 12 in.

Line/Screen: 25

Character/Line: 80

Color Capability: No

Program Function Keys: 18,

standard; 18, maximum

List Price: \$4,950

Distribution Method: Third-party

Date First Installed: June 1982

(See Vendor Profile Page V-24)

MSI DATA CORP.

MSI/55

Terminal Configuration: Stand-

alone

Communications Protocols:

Asynchronous

Data Transmission Characteristics:

Asynchronous, Ascii

Maximum Transmission Speed:

1,200 bit/sec

Line/Screen: 1

Character/Line: 12

Color Capability: No

Distribution Method: Third-party

(See Vendor Profile Page V-25)

MSI DATA CORP.

MSI/85

Processor Model: RCA Cmos 1802

Communications Protocols:

Asynchronous

Data Transmission Characteristics:

Asynchronous, Ascii

Maximum Transmission Speed:

4,800 bit/sec

Line/Screen: 1

Character/Line: 16

Color Capability: No

Distribution Method: Third-party

MSI DATA CORP.

MSI/88E

Processor Model: RCA Cmos 1802

Communications Protocols:

Asynchronous

Data Transmission Characteristics:

Asynchronous, Ascii

Maximum Transmission Speed:

4,800 bit/sec

Line/Screen: 1

Character/Line: 16

Color Capability: No

Distribution Method: Third-party

MSI DATA CORP.

MSI/88F

Processor Model: RCA Cmos 1802

Communications Protocols:

Asynchronous

Data Transmission Characteristics:

Asynchronous, Ascii

Maximum Transmission Speed:

4,800 bit/sec

Line/Screen: 1

Character/Line: 16

Color Capability: No

Distribution Method: Third-party

MSI DATA CORP.

MSI 88S

Processor Model: RCA Cmos 1802

Communications Protocols:

Asynchronous

Data Transmission Characteristics:

Asynchronous, Ascii

Maximum Transmission Speed:

4,800 bit/sec

Line/Screen: 1

Character/Line: 32

Color Capability: No

Distribution Method: Third-party

NEW MEDIA GRAPHICS CORP.

GRAPHOVER 9500

Specific Application: Graphics

Compatibility: TTY

Processor Model: Motorola 6809

Terminal Configuration: Cluster

Communications Protocols: None

Data Transmission Characteristics:

Half-Duplex, Asynchronous

Maximum Transmission Speed:

19,200 bit/sec

Diagonal Screen Size: 25 in.,

optional

Line/Screen: 480, optional

Character/Line: 109, optional

Color Capability: Yes

List Price: \$9,850

Distribution Method: End user, OEM

(See Vendor Profile Page V-26)

NORTHERN TELECOM, INC.

DISPLAY TERMINAL

Specific Application: DDP

Minimum Memory Required: 128K

bytes

Maximum Memory Required: 512K

bytes

Languages Supported: Cobol

Processor Model: Intel 8085

Simultaneous Users: Yes

Terminal Configuration: Cluster; 16

Communications Protocols:

Bisynchronous, Asynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex,

Asynchronous, Synchronous

Maximum Transmission Speed:

9,600 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 25

Character/Line: 80

Color Capability: No

Program Function Keys: 12,

standard; 24, maximum

List Price: \$2,000

Average Monthly Maintenance:

\$20

Distribution Method: End user,

Third-party

Date First Installed: July 1981

(See Vendor Profile Page V-26)

PARADYNE CORP.

PDS-270

Specific Application: WP

Compatibility: IBM 3270; TTY

Languages Supported: Cobol

Processor Model: Zilog Z80

Simultaneous Users: Yes

Terminal Configuration: Cluster; 32

Communications Protocols: SDLC

Data Transmission Characteristics:

Half-Duplex, Full-Duplex,

Asynchronous

Maximum Transmission Speed:

19,200 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 22

Character/Line: 80

Color Capability: No

Program Function Keys: 24,

standard; 24, maximum

List Price: \$3,000 to \$5,850

Average Monthly Maintenance:

\$25

Distribution Method: End user, OEM

Date First Installed: August 1980

(See Vendor Profile Page V-27)

PERIPHERAL SYSTEMS, INC.

BUREAU/CRAT

Specific Application: Typesetting

Compatibility: TTY

Minimum Memory Required: 16K

bytes

Maximum Memory Required: 40K

bytes

Processor Model: Zilog Z80

Simultaneous Users: No

Terminal Configuration: Stand-

alone

Data Transmission Characteristics:

Half-Duplex, Full-Duplex,

Asynchronous

Maximum Transmission Speed:

1,200 bit/sec

Integrated Modem/Coupler:

Standard

Diagonal Screen Size: 9 in.

Line/Screen: 16

Character/Line: 64

Color Capability: No

List Price: \$3,495

Distribution Method: End user

Date First Installed: June 1978

(See Vendor Profile Page V-28)

PERIPHERAL SYSTEMS, INC.

LOBBYIST

Specific Application: Typesetting

Compatibility: TTY

Minimum Memory Required: 16K

bytes

Maximum Memory Required: 40K

bytes

Processor Model: Zilog Z80

Simultaneous Users: No

Terminal Configuration: Stand-

alone

Data Transmission Characteristics:

Half-Duplex, Full-Duplex,

Asynchronous

Maximum Transmission Speed:

1,200 bit/sec

Integrated Modem/Coupler:

Standard

Diagonal Screen Size: 5 in.

Line/Screen: 16

Character/Line: 32

Color Capability: No

List Price: \$2,995

Distribution Method: End user

Date First Installed: June 1978

PHOENIX COMPUTER SYSTEMS, INC.

768-24

Specific Application: Graphics

Plug Compatibility: Tektronix

Minimum Memory Required: 128K

bytes

Maximum Memory Required: 768K

bytes

Languages Supported: Fortran,

Basic, Pascal, PL/I, Assembler

Processor Model: Intel 8086

Simultaneous Users: No

Terminal Configuration: Stand-

alone

Communications Protocols:

Bisynchronous, X.25

Data Transmission Characteristics:

Asynchronous, Synchronous, Ascii

Maximum Transmission Speed:

19,200 bit/sec

Diagonal Screen Size: 19 in.,

standard; 13 in., optional

Line/Screen: 60

Character/Line: 80

Color Capability: 256 colors

Program Function Keys: 37,

standard; 37, maximum

List Price: \$21,000

Distribution Method: OEM

Date First Installed: September

1983

(See Vendor Profile Page V-28)

PHOENIX COMPUTER SYSTEMS, INC.

768-28

Specific Application: Graphics

Plug Compatibility: Tektronix

Minimum Memory Required: 128K

bytes

Maximum Memory Required: 768K

bytes

Languages Supported: Fortran,

Basic, Pascal, PL/I, Assembler

Processor Model: Intel 8086

Simultaneous Users: No

Terminal Configuration: Stand-

alone

Communications Protocols:

Bisynchronous, X.25

Data Transmission Characteristics:

Asynchronous, Synchronous, Ascii

Maximum Transmission Speed:

19,200 bit/sec

Diagonal Screen Size: 19 in.,

standard; 13 in., optional

Line/Screen: 60

Character/Line: 80

Color Capability: 256 colors

Program Function Keys: 37,

standard; 37, maximum

List Price: \$23,000

Intelligent Terminals

Specific Application: Graphics
Plug Compatibility: Tektronix
Minimum Memory Required: 128K bytes
Maximum Memory Required: 768K bytes
Languages Supported: Fortran, Basic, Pascal, PL/1, Assembler
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone

Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in., standard; 13 in., optional
Line/Screen: 60
Character/Line: 80
Color Capability: 256 colors
Program Function Keys: 37, standard; 37, maximum
List Price: \$12,200
Distribution Method: OEM
Date First Installed: September 1983

PHOENIX COMPUTER SYSTEMS, INC.

1024-18
Specific Application: Graphics
Plug Compatibility: Tektronix
Minimum Memory Required: 128K bytes
Maximum Memory Required: 768K bytes
Languages Supported: Fortran, Basic, Pascal, PL/1, Assembler
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone

Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in., standard; 13 in., optional
Line/Screen: 60
Character/Line: 80
Color Capability: 256 colors
Program Function Keys: 37, standard; 37, maximum
List Price: \$14,600
Distribution Method: OEM
Date First Installed: September 1983

PHOENIX COMPUTER SYSTEMS, INC.

1024-2
Specific Application: CAD/CAM
Compatibility: IBM 3270; TTY
Plug Compatibility: Tektronix
Minimum Memory Required: 128K bytes
Maximum Memory Required: 1M bytes
Languages Supported: Fortran, Basic, Pascal, PL/1
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone

Communications Protocols: HDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec

Diagonal Screen Size: 19 in.
Line/Screen: 64
Character/Line: 80
Color Capability: 256 colors
Program Function Keys: 32, standard; 128, maximum
List Price: \$18,000
Average Monthly Maintenance: \$180
Distribution Method: OEM
Date First Installed: December 1982

PHOENIX COMPUTER SYSTEMS, INC.

1024-24
Specific Application: Graphics
Plug Compatibility: Tektronix
Minimum Memory Required: 128K bytes
Maximum Memory Required: 768K bytes
Languages Supported: Fortran, Basic, Pascal, PL/1, Assembler
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone

Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in., standard; 13 in., optional
Line/Screen: 60
Character/Line: 80
Color Capability: 256 colors
Program Function Keys: 37, standard; 37, maximum
List Price: \$18,000
Distribution Method: OEM
Date First Installed: September 1983

PHOENIX COMPUTER SYSTEMS, INC.

1024-28
Specific Application: Graphics
Plug Compatibility: Tektronix
Minimum Memory Required: 128K bytes
Maximum Memory Required: 768K bytes
Languages Supported: Fortran, Basic, Pascal, PL/1, Assembler
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone

Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in., standard; 13 in., optional
Line/Screen: 60
Character/Line: 80
Color Capability: 256 colors
Program Function Keys: 37, standard; 37, maximum
List Price: \$20,000
Distribution Method: OEM
Date First Installed: September 1983

PHOENIX COMPUTER SYSTEMS, INC.

1024-34
Specific Application: Graphics
Plug Compatibility: Tektronix
Minimum Memory Required: 128K bytes

Maximum Memory Required: 768K bytes
Languages Supported: Fortran, Basic, Pascal, PL/1, Assembler
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Asynchronous, Synchronous, Ascii
Diagonal Screen Size: 19 in., standard; 13 in., optional
Line/Screen: 60
Character/Line: 80
Color Capability: 256 colors
Program Function Keys: 37, standard; 37, maximum
Distribution Method: OEM
Date First Installed: September 1983

PHOENIX COMPUTER SYSTEMS, INC.

1024-38
Specific Application: Graphics
Plug Compatibility: Tektronix
Minimum Memory Required: 128K bytes
Maximum Memory Required: 768K bytes
Languages Supported: Fortran, Basic, Pascal, PL/1, Assembler
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in., standard; 13 in., optional
Line/Screen: 60
Character/Line: 80
Color Capability: 256 colors
Program Function Keys: 37, standard; 37, maximum
Distribution Method: OEM
Date First Installed: September 1983

PRIME COMPUTER, INC.

PT 85
Compatibility: TTY
Minimum Memory Required: 32K bytes
Maximum Memory Required: 32K bytes
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
Distribution Method: Third-party
(See Vendor Profile Page V-29)

PRINCETON GRAPHIC SYSTEMS

HK-13
Diagonal Screen Size: 13 in.

Line/Screen: 24
Character/Line: 80
Color Capability: 16
Distribution Method: Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-29)

PSITECH

215
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Minimum Memory Required: 63K bytes
Maximum Memory Required: 120K bytes
Languages Supported: Basic, Pascal, Ada
Processor Model: Motorola MC 6809
Simultaneous Users: Yes
Terminal Configuration: Stand-alone

Communications Protocols: Bisynchronous, X.25, Asynchronous, SDLC, HDLC, Synchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 48
Character/Line: 85
Color Capability: No
Program Function Keys: 32
List Price: \$3,995
Distribution Method: OEM, Third-party
Date First Installed: 1981
(See Vendor Profile Page V-30)

PSITECH

QT 800
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Minimum Memory Required: 63K bytes
Maximum Memory Required: 120K bytes
Languages Supported: Basic, Pascal, Ada
Processor Model: MC-6809
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25, Asynchronous, SDLC, HDLC, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 48
Character/Line: 85
Color Capability: No
Program Function Keys: 32
List Price: \$3,500
Distribution Method: OEM, Third-party
Date First Installed: 1979

PSITECH

ST 1809
Compatibility: TTY
Minimum Memory Required: 128K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Basic
Processor Model: Motorola MC 6809
Simultaneous Users: Yes
Terminal Configuration: Stand-alone

Intelligent Terminals

Communications Protocols: Bisynchronous, X.25, SDLC, SDLC/SNA
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24, standard; 48, optional
Character/Line: 85
Color Capability: 8 colors, optional
Program Function Keys: 32, standard; 93, maximum
List Price: \$7,000
Distribution Method: End user, OEM

PSITECH
GTC 214
Specific Application: Process Control
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Minimum Memory Required: 63K bytes
Maximum Memory Required: 120K bytes
Languages Supported: Basic, Pascal, Ada
Processor Model: Motorola MC-6809
Simultaneous Users: Yes
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous, X.25, Asynchronous, SDLC, HDLC, Synchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 48
Character/Line: 85
Color Capability: 4096 colors
List Price: \$5,500
Distribution Method: OEM, Third-party
Date First Installed: 1982

PSITECH
GTC 224
Specific Application: Process Control
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; CDC; NCR
Plug Compatibility: DEC VT52
Minimum Memory Required: 63K bytes
Maximum Memory Required: 120K bytes
Languages Supported: Basic, Pascal, Ada
Processor Model: Motorola MC-6809
Simultaneous Users: Yes
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous, X.25, Asynchronous, SDLC, HDLC, Synchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 48
Character/Line: 85
Program Function Keys: 32
List Price: \$5,000
Distribution Method: OEM, Third-party
Date First Installed: 1982

PSITECH
GTC 319
Specific Application: Process Control
Compatibility: IBM 3270; TTY; Honeywell; Sperry Univac; Burroughs; NCR; CDC
Minimum Memory Required: 63K bytes
Maximum Memory Required: 120K bytes
Languages Supported: Basic, Pascal, Ada
Processor Model: Motorola MC-6809
Simultaneous Users: Yes
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous, X.25, Asynchronous, SDLC, HDLC, Synchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 85
Color Capability: 4096 colors
List Price: \$5,500
Distribution Method: OEM, Third-party
Date First Installed: 1982

QANTEL CORP.
QANTEL 4041
Minimum Memory Required: 54K bytes
Languages Supported: Basic
Processor Model: Zilog Z80B
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 24 in., optional
Line/Screen: 31, standard; 35, optional
Character/Line: 89, standard; 90, optional
Color Capability: No
Program Function Keys: 2, standard; 2, maximum
List Price: \$4,500
Average Monthly Maintenance: \$40
Distribution Method: Third-party
(See Vendor Listing Page V-30)

RAMTEK CORP.
RAMTEK 6211
Specific Application: Graphics
Compatibility: TTY
Minimum Memory Required: 16K bytes
Maximum Memory Required: 16K bytes
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 13 in., standard; 19 in., optional
Line/Screen: 24
Color Capability: 16 colors

List Price: \$4,995
Average Monthly Maintenance: \$60
Distribution Method: End user, OEM
Date First Installed: November 1981
(See Vendor Profile Page V-30)

RAMTEK CORP.
RAMTEK 6221
Specific Application: Graphics
Compatibility: TTY
Minimum Memory Required: 16K bytes
Maximum Memory Required: 16K bytes
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Color Capability: 16 colors
List Price: \$5,995
Average Monthly Maintenance: \$72
Distribution Method: End user, OEM
Date First Installed: April 1983

RAYTHEON CO.
200-1E and 200-2E
Compatibility: IBM 3270
Minimum Memory Required: 128K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Basic
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25, standard; 66, optional
Character/Line: 80, standard; 126, optional
Color Capability: No
List Price: \$3,995
Average Monthly Maintenance: \$65
Distribution Method: End user, Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-30)

RAYTHEON CO.
201E and 202E
Compatibility: IBM 3270
Minimum Memory Required: 128K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Basic
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25, standard; 66, optional

Character/Line: 80, standard; 126, optional
Color Capability: No
List Price: \$3,995
Average Monthly Maintenance: \$65
Distribution Method: End user, Third-party
Date First Installed: October 1982

RAYTHEON CO.
210
Compatibility: IBM 3270
Minimum Memory Required: 128K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Basic
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25, standard; 66, optional
Character/Line: 80, standard; 126, optional
Color Capability: No
List Price: \$3,995
Average Monthly Maintenance: \$70
Distribution Method: End user, Third-party
Date First Installed: October 1982

RAYTHEON CO.
220
Compatibility: IBM 3270
Minimum Memory Required: 128K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Basic
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25, standard; 126, optional
Character/Line: 80
Color Capability: No
List Price: \$6,750
Average Monthly Maintenance: \$75
Distribution Method: Third-party
Date First Installed: October 1982

RAYTHEON CO.
1202E
Compatibility: IBM 3270
Minimum Memory Required: 128K bytes
Maximum Memory Required: 512K bytes
Languages Supported: Basic
Processor Model: Intel 8085
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous

IF YOU DON'T WANT YOUR COMPUTER TO COMPROMISE THE QUALITY OF YOUR WORK, THE PRINCETON HX-12 MONITOR IS THE ANSWER. YOUR EYES WILL SEE THE DIFFERENCE.

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YOUR COMPUTER WORK. YOUR MONITOR EYES WILL SEE THE DIFFERENCE. YOUR WORK WILL TOO.

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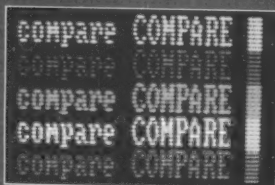
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Data Transmission Characteristics:

Half-Duplex, Full-Duplex
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25, standard; 66, optional
Character/Line: 80, standard; 126, optional
Color Capability: No
List Price: \$3,995
Average Monthly Maintenance: \$65
Distribution Method: End user, Third-party
Date First Installed: October 1982

RAYTHEON CO.

PTS-2078
Compatibility: IBM 3270
Plug Compatibility: 3278
Minimum Memory Required: 16K bytes
Languages Supported: Macro
Processor Model: Intel 8086
Simultaneous Users: Yes
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 15 in.
Line/Screen: 25
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
Distribution Method: End user
Date First Installed: October 1979

RAYTHEON CO.

PTS-2079
Compatibility: IBM 3270
Plug Compatibility: 3279
Minimum Memory Required: 16K bytes
Maximum Memory Required: 32K bytes
Languages Supported: Macro
Processor Model: Intel 8086
Simultaneous Users: Yes
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 15 in.
Line/Screen: 25
Color Capability: 4 colors
Program Function Keys: 12, standard; 12, maximum
Distribution Method: End user
Date First Installed: 1981

RAYTHEON CO.

RDS-1202
Compatibility: IBM 3270
Minimum Memory Required: 48K bytes
Maximum Memory Required: 96K bytes
Languages Supported: Basic
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25, standard; 66, optional
Character/Line: 80, standard; 126, optional
Color Capability: No
List Price: \$8,955
Distribution Method: End user, Third-party
Date First Installed: February 1979

RAYTHEON CO.

RDS-1303
Compatibility: IBM 3270
Minimum Memory Required: 48K bytes
Maximum Memory Required: 96K bytes
Languages Supported: Basic
Processor Model: Intel 8085
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25, standard; 66, optional
Character/Line: 80, standard; 126, optional
Color Capability: No
List Price: \$9,955
Distribution Method: End user, Third-party
Date First Installed: February 1979

SCOTT SYSTEMS, INC.

ACCESS ST-9
Specific Application: Airlines
Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Processor Model: Intel 8088
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, Asynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 9 in.
Line/Screen: 25
Character/Line: 64, standard; 80, optional
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
Date First Installed: August 1982
 (See Vendor Profile Page V-31)

SCOTT SYSTEMS, INC.

ACCESS ST-12
Specific Application: Airlines
Compatibility: IBM 3270
Minimum Memory Required: 64K bytes
Processor Model: Intel 8088
Simultaneous Users: Yes
Communications Protocols: 3270, Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous,

Synchronous

Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user
Date First Installed: August 1982

SIDEREAL CORP.

MICRONET 4D
Minimum Memory Required: 128K bytes
Maximum Memory Required: 256K bytes
Processor Model: Motorola 6800
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 1,200 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 4
List Price: \$14,900
Distribution Method: OEM, Third-party
Date First Installed: September 1980
 (See Vendor Profile Page V-32)

SIDEREAL CORP.

MICRONET 6
Minimum Memory Required: 128K bytes
Maximum Memory Required: 256K bytes
Processor Model: Motorola 6800
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 1,200 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 4
List Price: \$16,900
Distribution Method: OEM, Third-party
Date First Installed: September 1980

SIDEREAL CORP.

MICRONET 8
Compatibility: IBM 3270, TTY
Minimum Memory Required: 128K bytes
Maximum Memory Required: 256K bytes
Processor Model: Motorola 6800
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols:

Bisynchronous, X.25, Asynchronous

Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 4
List Price: \$18,900
Distribution Method: Third-party
Date First Installed: June 1981

SIDEREAL CORP.

MICRONET 20
Compatibility: TTY
Processor Model: Motorola 6809
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 1,200 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 4
List Price: \$4,500
Distribution Method: Third-party
Date First Installed: July 1982

SIDEREAL CORP.

MICRONET 25
Compatibility: TTY
Processor Model: Motorola 6809
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 1,200 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 4
List Price: \$6,500
Distribution Method: OEM, Third-party
Date First Installed: September 1982

SIERRA INFORMATION

SYSTEMS CORP.
DT-2000
Specific Application: Shop Floor Control
Compatibility: TTY
Minimum Memory Required: 8K bytes
Maximum Memory Required: 32K bytes
Languages Supported: Cobol, Fortran
Processor Model: Motorola 6800
Simultaneous Users: No
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous

Intelligent Terminals

Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 26
Character/Line: 80
Color Capability: Yes, optional
Program Function Keys: 16
Distribution Method: End user, OEM
(See Vendor Profile Page V-32)

SOROC TECHNOLOGY, INC.
CHALLENGER 135
Compatibility: TTY
Languages Supported: Cobol, Basic
Processor Model: Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14, standard; 64, maximum
List Price: \$995
Distribution Method: Third-party
Date First Installed: June 1982
(See Vendor Profile Page V-32)

Additional information provided by vendor

AMERICAN-MADE

"CHALLENGER" TERMINALS Smart, programmable, detached keyboard, typewriter styled, low profile, green screen, keyboard setup includes intensity editing, block mode, speeds to 38.4K bytes, programmable function keys. Options include tilt/swivel ergonomics and integral modems and expanded storage. Call (800) 854-0147 or (714) 992-2860 for special evaluation pricing.

SOROC TECHNOLOGY, INC.
CHALLENGER 530
Compatibility: TTY
Languages Supported: Cobol, Basic
Processor Model: Zilog Z80
Simultaneous Users: Yes
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14, standard; 64, maximum
List Price: \$595
Distribution Method: Third-party
Date First Installed: November 1982

SOROC TECHNOLOGY, INC.
IQ-130
Compatibility: TTY
Languages Supported: Cobol, Basic

Processor Model: Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14, standard; 64, maximum
List Price: \$1,095
Distribution Method: Third-party
Date First Installed: January 1982

SOROC TECHNOLOGY, INC.
IQ-150
Languages Supported: Cobol, Basic
Processor Model: Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14, standard; 64, maximum
List Price: \$1,395
Distribution Method: Third-party
Date First Installed: January 1982

SPECTRA SYSTEMS, INC.
SPECTRA-123
Compatibility: TTY
Plug Compatibility: DEC VT100
Minimum Memory Required: 128K bytes
Languages Supported: Cobol, Fortran, Basic, Basic Plus, Basic Plus 2, APL, Unix
Processor Model: DEC LSI-11
Simultaneous Users: Yes
Terminal Configuration: Cluster; 8
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 56,000 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 132
Color Capability: 8 colors, optional
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-33)

SPECTRA SYSTEMS, INC.
SPECTRA-880
Compatibility: IBM 3270
Minimum Memory Required: 2M bytes
Processor Model: Intel 8086; Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous

Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 132
Color Capability: 8 colors, optional
Program Function Keys: 4
Distribution Method: OEM
Date First Installed: October 1983

SPERRY CORP.
UTS 40
Minimum Memory Required: 64K bytes
Maximum Memory Required: 128K bytes
Languages Supported: Cobol
Processor Model: Zilog Z80A
Simultaneous Users: No
Terminal Configuration: Cluster; 31
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Character/Line: 80
Color Capability: No
Program Function Keys: 22
List Price: \$3,200
Average Monthly Maintenance: \$80
Distribution Method: End user
Date First Installed: June 1981
(See Vendor Profile Page V-33)

SYSTEM INTEGRATORS, INC.
COYOTE STANDARD
Specific Application: Text Editing
Minimum Memory Required: 128K bytes
Languages Supported: Assembler
Processor Model: Motorola MC 68000
Simultaneous Users: No
Terminal Configuration: Cluster; 15
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Diagonal Screen Size: 15 in.
Line/Screen: 21, standard; 28, optional
Character/Line: 64, standard; 96, optional
Color Capability: No
Program Function Keys: 200
Distribution Method: End user
Date First Installed: April 1983
(See Vendor Profile Page V-34)

SYSTEM INTEGRATORS, INC.
COYOTE 1
Specific Application: Text Editing
Compatibility: TTY
Minimum Memory Required: 128K bytes
Languages Supported: Assembler
Processor Model: Motorola 68000
Terminal Configuration: Cluster; 15
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 80,000 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 21, standard; 28, optional

Character/Line: 64, standard; 96, optional
Color Capability: No
Program Function Keys: 200
Distribution Method: End user
Date First Installed: February 1982

SYSTEM INTEGRATORS, INC.
COYOTE 4
Specific Application: Text Editing
Compatibility: TTY
Minimum Memory Required: 128K bytes
Languages Supported: Assembler
Processor Model: Motorola 6800
Simultaneous Users: No
Terminal Configuration: Cluster; 15
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 200
Distribution Method: End user
Date First Installed:

TEKTRONIX, INC.
4051
Specific Application: Graphics
Compatibility: TTY
Minimum Memory Required: 16K bytes
Maximum Memory Required: 32K bytes
Languages Supported: Basic
Processor Model: Motorola 68000
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 2400 bit/sec
Diagonal Screen Size: 11 in.
Line/Screen: 35
Character/Line: 72
Color Capability: No
Program Function Keys: 10, standard; 20, maximum
List Price: \$6,295
Average Monthly Maintenance: \$80
Distribution Method: End user
Date First Installed: November 1976
(See Vendor Profile Page V-36)

TEKTRONIX, INC.
4052A
Specific Application: Graphics
Compatibility: TTY
Languages Supported: Basic
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Diagonal Screen Size: 11 in.
Line/Screen: 35
Character/Line: 72
Color Capability: No
Program Function Keys: 10, standard; 20, maximum
List Price: \$9,900
Average Monthly Maintenance: \$90
Distribution Method: End user
Date First Installed: September 1979

Intelligent Terminals

TEKTRONIX, INC.

4054A
 Specific Application: Graphics
 Compatibility: TTY
 Languages Supported: Basic
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Diagonal Screen Size: 19 in.
 Line/Screen: 35, standard; 64, optional
 Character/Line: 72, standard; 132, optional
 Color Capability: Yes, optional
 Program Function Keys: 10, standard; 20, maximum
 List Price: \$14,950
 Average Monthly Maintenance: \$135
 Distribution Method: End user
 Date First Installed: September 1979

TEKTRONIX, INC.

4114A
 Compatibility: TTY; Ascii
 Minimum Memory Required: 256K bytes
 Maximum Memory Required: 800K bytes
 Languages Supported: Fortran, Assembler
 Processor Model: Intel 8086, 8087
 Simultaneous Users: No
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 19 in.
 Line/Screen: 35, standard; 64, optional
 Character/Line: 80, standard; 132, optional
 Color Capability: No
 Program Function Keys: 16
 List Price: \$17,900
 Distribution Method: End user, OEM

TEKTRONIX, INC.

4115B
 Specific Application: Graphics
 Compatibility: TTY; Honeywell; Scurry; Burroughs; NCR; CDC; DEC
 Languages Supported: Fortran, Basic
 Processor Model: Intel 8086, 8087
 Simultaneous Users: No
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 19 in.
 Line/Screen: 64
 Character/Line: 160
 Color Capability: 256 colors
 Program Function Keys: 8
 List Price: \$19,950
 Average Monthly Maintenance: \$120
 Distribution Method: End user, OEM

Date First Installed: September 1983

TEKTRONIX, INC.

4116A
 Compatibility: TTY; CDC
 Plug Compatibility: Tektronix 4010
 Minimum Memory Required: 512K bytes
 Maximum Memory Required: 800K bytes
 Languages Supported: Fortran
 Processor Model: Intel 8086, 8087
 Simultaneous Users: No
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 25 in.
 Line/Screen: 35
 Character/Line: 74
 Color Capability: No
 Program Function Keys: 8
 List Price: \$22,400
 Average Monthly Maintenance: \$120
 Distribution Method: End user
 Date First Installed: December 1982

TELERAM COMMUNICATIONS CORP.

PORTABLE-81
 Specific Application: WP
 Compatibility: TTY
 Minimum Memory Required: 64K bytes
 Maximum Memory Required: 256K bytes
 Processor Model: Zilog Z80
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous, Synchronous, ACK/NAK
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 5 in.
 Line/Screen: 17, standard; 24, optional
 Character/Line: 51, standard; 80, optional
 Color Capability: No
 List Price: \$4,800
 Average Monthly Maintenance: \$50
 Distribution Method: End user
 Date First Installed: January 1973
 (See Vendor Profile Page V-36)

TELERAM COMMUNICATIONS CORP.

T-3000
 Compatibility: TTY
 Plug Compatibility: TTY 9210
 Minimum Memory Required: 64K bytes
 Maximum Memory Required: 64K bytes
 Languages Supported: Cobol, Fortran, Basic
 Processor Model: Zilog Z80
 Simultaneous Users: No
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 19,200 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 8 in., standard; 24 in., optional
 Line/Screen: 4
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 16, standard; 51, maximum
 List Price: \$2,995
 Distribution Method: End user, OEM, Third-party
 Date First Installed: February 1983

TELETYPE CORP.

5620
 Minimum Memory Required: 256K bytes
 Maximum Memory Required: 256K bytes
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Asynchronous
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 15 in.
 Color Capability: No
 Program Function Keys: 8, standard; 8, maximum
 List Price: \$6,115
 Distribution Method: Third-party
 Date First Installed: November 1983
 (See Vendor Profile Page V-36)

TELEVIDEO SYSTEMS, INC.

860
 Compatibility: TTY
 Plug Compatibility: DEC VT100; VT102
 Terminal Configuration: Stand Alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80 standard, 132 optional
 Color Capability: No
 Program Function Keys: 16
 Distribution Method: Third-party
 (See Vendor Profile Page V-36)

TRIFORMATION SYSTEMS, INC.

FSST-3
 Compatibility: TTY
 Languages Supported: Cobol, Fortran, Basic
 Processor Model: Zenith H19
 Simultaneous Users: No
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Standard
 Diagonal Screen Size: 12 in.

Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 22, standard; 22, maximum
 List Price: \$4,495
 Distribution Method: End user, Third-party
 Date First Installed: January 1980
 (See Vendor Profile Page V-38)

TSD DISPLAY PRODUCTS, INC.

700 RTE
 Minimum Memory Required: 128K bytes
 Maximum Memory Required: 512K bytes
 Languages Supported: Fortran, Basic
 Processor Model: Intel
 Simultaneous Users: Yes
 Terminal Configuration: Stand-alone
 Communications Protocols: SDLC, HDLC, Synchronous, SDLC/SNA
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 15 in.
 Line/Screen: 24
 Character/Line: 200
 Color Capability: 4 colors, optional
 List Price: \$2,650
 Distribution Method: OEM
 Date First Installed: January 1983
 (See Vendor Profile Page V-38)

TSD DISPLAY PRODUCTS, INC.

8118 VIT
 Compatibility: IBM 3270; TTY
 Minimum Memory Required: 128K bytes
 Maximum Memory Required: 512K bytes
 Languages Supported: Fortran, Basic
 Processor Model: Motorola 68000
 Simultaneous Users: Yes
 Terminal Configuration: Stand-alone
 Communications Protocols: SDLC, HDLC, Synchronous, SDLC/SNA
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 15 in.
 Line/Screen: 24
 Character/Line: 200
 Color Capability: 4 colors, optional
 List Price: \$2,650
 Average Monthly Maintenance: \$150
 Distribution Method: OEM
 Date First Installed: January 1983

TSD DISPLAY PRODUCTS, INC.

SYSTEM 700
 Compatibility: IBM 3270; TTY
 Minimum Memory Required: 32K bytes
 Maximum Memory Required: 64K bytes
 Processor Model: Intel
 Simultaneous Users: Yes

Intelligent Terminals

Terminal Configuration: Stand-alone
Communications Protocols: SDLC, Synchronous, SDLC/SNA
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,500 to \$10,000
Distribution Method: OEM
Date First Installed: January 1980

USDATA, INC.

REACT
Plug Compatibility: ISC 8000
Languages Supported: Basic, Assembly
Processor Model: Intel 8080
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 19 in., standard; 25 in., optional
Line/Screen: 26
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 24, standard; 171, maximum
List Price: \$8,950 to \$14,500
Distribution Method: End user, OEM
Date First Installed: December 1980
(See Vendor Profile Page V-38)

VICTOR TECHNOLOGIES, INC.

VICTOR 8000A
Compatibility: IBM 3270, 3780
Minimum Memory Required: 128K bytes
Maximum Memory Required: 256K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Intel 8088
Simultaneous Users: Yes
Terminal Configuration: Cluster
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 9, standard; 9, maximum
List Price: \$3,995
Distribution Method: Third-party
Date First Installed: January 1982
(See Vendor Profile Page V-38)

VICTOR TECHNOLOGIES, INC.

VICTOR 8000B
Compatibility: IBM 3270, 3780
Minimum Memory Required: 128K bytes
Maximum Memory Required: 256K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Intel 8088

Simultaneous Users: Yes
Terminal Configuration: Cluster
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 9, standard; 9, maximum
List Price: \$4,745
Distribution Method: Third-party
Date First Installed: January 1982

VICTOR TECHNOLOGIES, INC.

VICTOR 8000C
Compatibility: IBM 3270, 3780
Minimum Memory Required: 128K bytes
Maximum Memory Required: 256K bytes
Languages Supported: Cobol, Fortran, Basic
Processor Model: Intel 8088
Simultaneous Users: Yes
Terminal Configuration: Cluster
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 9, standard; 9, maximum
List Price: \$5,995
Distribution Method: Third-party
Date First Installed: January 1982

VISUAL TECHNOLOGY, INC.

VISUAL 300
Specific Application: WP
Compatibility: TTY; DEC VT100
Plug Compatibility: DEC VT100
Processor Model: Zilog Z80
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$1,150
Distribution Method: Third-party
Date First Installed: September 1981
(See Vendor Profile Page V-38)

WORDPLEX CORP.

WORDPLEX MODEL 80-210
Specific Application: WP
Compatibility: IBM 3270; TTY
Minimum Memory Required: 64K bytes

Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 36, standard; 36, maximum
List Price: \$5,100
Average Monthly Maintenance: \$100
Distribution Method: End user, Third-party
Date First Installed: June 1981
(See Vendor Profile Page V-39)

WORDPLEX CORP.

WORDPLEX MODEL 80-220
Specific Application: WP
Compatibility: IBM 3270; TTY
Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Zilog Z80
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 36, standard; 36, maximum
List Price: \$6,000
Average Monthly Maintenance: \$100
Distribution Method: End user, Third-party
Date First Installed: June 1981

WORDPLEX CORP.

WORDPLEX MODEL 80-3
Specific Application: WP
Compatibility: IBM 3270; TTY
Minimum Memory Required: 128K bytes
Maximum Memory Required: 128K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25

Character/Line: 80
Color Capability: No
Program Function Keys: 36, standard; 36, maximum
List Price: \$7,700
Average Monthly Maintenance: \$100
Distribution Method: End user, Third-party
Date First Installed: June 1981

WORDPLEX CORP.

WORDPLEX MODEL 80-4
Specific Application: WP
Compatibility: IBM 3270; TTY
Minimum Memory Required: 128K bytes
Maximum Memory Required: 128K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Zilog Z80
Simultaneous Users: Yes
Terminal Configuration: Cluster; 3
Communications Protocols: Bisynchronous, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 36, standard; 36, maximum
List Price: \$11,800
Average Monthly Maintenance: \$100
Distribution Method: End user, Third-party
Date First Installed: June 1983

WYSE TECHNOLOGY, INC.

WY-200
Plug Compatibility: TVI 912
Minimum Memory Required: 32K bytes
Maximum Memory Required: 32K bytes
Languages Supported: Assembly
Processor Model: Intel 8088
Simultaneous Users: No
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 26
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 8, standard; 16, maximum
List Price: \$1,295
Distribution Method: OEM, Third-party
Date First Installed: February 1983
(See Vendor Profile Page V-39)

WYSE TECHNOLOGY, INC.

WY-210
Plug Compatibility: TVI 912
Minimum Memory Required: 128K bytes
Maximum Memory Required: 128K bytes
Languages Supported: Assembly
Processor Model: Intel 8088
Simultaneous Users: No
Terminal Configuration: Stand-alone

Intelligent Terminals

Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 26
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 8, standard; 16, maximum
List Price: \$1,595
Distribution Method: OEM, Third-party
Date First Installed: February 1983

WYSE TECHNOLOGY, INC.
WY-229
Plug Compatibility: TVI 912
Minimum Memory Required: 128K bytes
Maximum Memory Required: 128K bytes
Languages Supported: Assembly
Processor Model: Intel 8088
Simultaneous Users: Yes
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 26
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 8, standard; 16, maximum
List Price: \$1,695
Distribution Method: OEM, Third-party
Date First Installed: February 1983

ZENITH DATA SYSTEMS
Z89
Compatibility: IBM 3270, TTY
Plug Compatibility: DEC VTS2
Minimum Memory Required: 48K bytes
Maximum Memory Required: 48K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, Assembler
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 58
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$1,999
Average Monthly Maintenance: \$20
Distribution Method: OEM, Third-party
Date First Installed: September 1979
(See Vendor Profile Page V-40)

ZENITH DATA SYSTEMS
Z90
Compatibility: IBM 3270

Minimum Memory Required: 64K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol, Fortran, Basic, Basic Plus, Pascal
Processor Model: Zilog Z80
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 57,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$2,499
Distribution Method: OEM, Third-party
Date First Installed: June 1981

ZENITH DATA SYSTEMS
Z100
Maximum Memory Required: 192K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, Assembler
Processor Model: Intel 8085, 8088
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 38,400 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors, optional
Program Function Keys: 12, standard; 12, maximum
List Price: \$2,899
Distribution Method: OEM, Third-party
Date First Installed: August 1982

ZENITH DATA SYSTEMS
ZF100
Compatibility: IBM 3270, TTY
Plug Compatibility: IBM 3270, 3275
Minimum Memory Required: 128K bytes
Maximum Memory Required: 768K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, Macro, C-Basic
Processor Model: Intel 8085, 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Maximum Transmission Speed: 38,400 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 13
List Price: \$2,899

Distribution Method: OEM, Third-party
Date First Installed: September 1982

ZENITH DATA SYSTEMS
ZW100
Compatibility: IBM 3270, TTY
Plug Compatibility: IBM 3270, 3275
Minimum Memory Required: 192K bytes
Maximum Memory Required: 768K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal, Macro, C-Basic
Processor Model: Intel 8085, 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Maximum Transmission Speed: 38,400 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 13
List Price: \$5,499
Distribution Method: OEM, Third-party
Date First Installed: March 1983

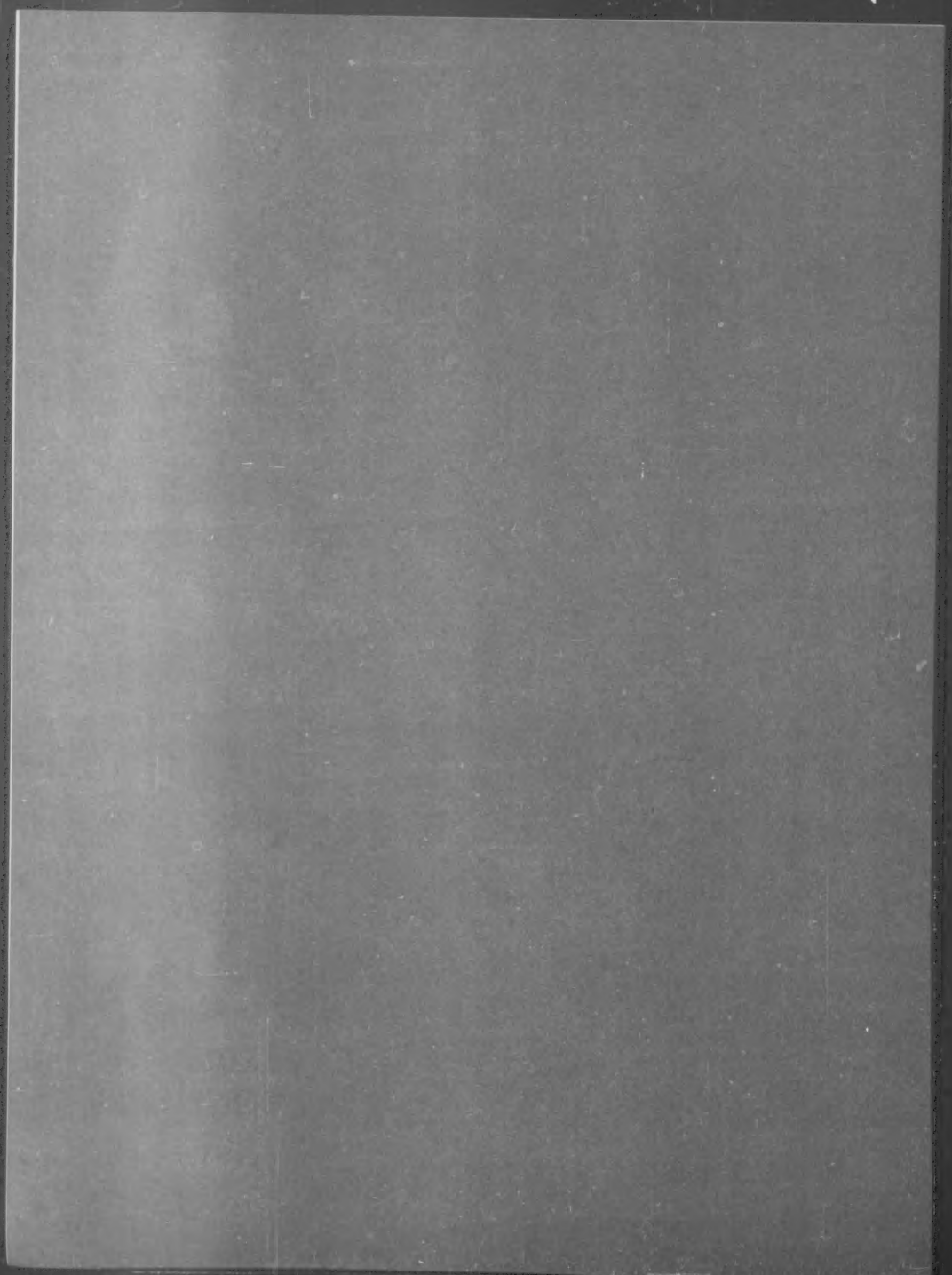
ZENTEC CORP.
8000
Minimum Memory Required: 16K bytes
Maximum Memory Required: 64K bytes
Languages Supported: Cobol
Processor Model: Intel 8085A
Simultaneous Users: No
Terminal Configuration: Cluster
Communications Protocols: Asynchronous, SDLC, Synchronous, SDLC/SNA
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 15 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 32, maximum
List Price: \$1,750
Distribution Method: End user, OEM
Date First Installed: March 1982
(See Vendor Profile Page V-40)

ZENTEC CORP.
SERIES 2000
Minimum Memory Required: 16K bytes
Maximum Memory Required: 56K bytes
Languages Supported: Cobol, Fortran, Basic, Pascal
Processor Model: Intel 8086
Simultaneous Users: No
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed:

38,400 bit/sec
Diagonal Screen Size: 12 in., standard; 15 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 32, maximum
List Price: \$8,095
Distribution Method: End user, OEM
Date First Installed: June 1983

ZENTEC CORP.
ZMS-35
Minimum Memory Required: 16K bytes
Maximum Memory Required: 16K bytes
Processor Model: Intel 8085A
Simultaneous Users: No
Terminal Configuration: Cluster
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 32, maximum
List Price: \$1,350
Distribution Method: End user, OEM
Date First Installed: 1979

PRINTERS



Printer Index

By Print Technique and Print Speed

The following index has been designed to provide an overview of the printer products contained in this section of the buyer's guide. Printers have been indexed according to the type of print technique used for output — band, belt, chain/train, daisywheel, dot-matrix, drum, electrosensitive, ink-jet, laser, thermal matrix and thimble. Within each category the printers have been arranged in descending order from the highest to lowest print speed, represented in either lines per minute or characters per second. In addition to printer speed, the index contains information on the price of the printer and the page number in the section where the full product listing is located.

The printer product listings have been broken down by printer type, whether they are line, serial or page printers. Line printers output a line at a time, serial printers print a character at a time and page printers print a page at a time. Within each printer type, products have been separated by print speed ranges. Within each range the products can be found in alphabetical order by vendor name. The line printers ranges are as follows: over 1,200 line/min, 801- to 1200 line/min, 401- to 800 line/min, 201- to 400 line/min and 0 to 200 line/min. Serial printers are arranged from those products which have print speeds of over 501 char./sec, followed by the 301- to 500 char./sec range, the 101- to 300 char./sec range, and those with speeds under 100 char./sec. Page printers have been sorted in alphabetical order by vendor name.

Band Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Documentation	3000 SERIES, MODEL 3000	3,000 line/min.	\$94,000	A-47
Centronics Data Computer Corp.	3000 SERIES, MODEL 2600	2,600 line/min.	\$87,000	A-47
Documentation	E-SERIES MODEL III	2,400 line/min.	\$17,550	A-47
Documentation	3000 SERIES, MODEL 2250	2,250 line/min.	\$80,000	A-47
BDS Corp.	B2000	2,000 line/min.	N/A	A-47
Centronics Data Computer Corp.	CENTRONICS 9370 FASTRAIN SERIES	2,000 line/min.	\$40,000	A-47
Dataproducts Corp.	BP-2000	2,000 line/min.	\$32,000	A-47
IBM	4245	2,000 line/min.	\$63,500	A-48
Nissei Sangyo America, Ltd.	FP2000	2,000 line/min.	N/A	A-48
Southern Systems, Inc.	BP 2000	2,000 line/min.	\$30,000	A-50
Documentation	3000 SERIES, MODEL 1800	1,800 line/min.	\$68,000	A-47
Storage Technology Corp.	UNIVERSAL 1000	1,600 line/min.	\$13,775	A-50
Cynthia Peripheral Corp.	PR-54	1,530 line/min.	\$18,000	A-47
BDS Corp.	B1500	1,500 line/min.	N/A	A-47
Data Printer Corp.	BT 1500	1,500 line/min.	N/A	A-47
Dataproducts Corp.	BP-1500	1,500 line/min.	\$23,000	A-47
Documentation	1500 SERIES, MODEL 1500	1,500 line/min.	\$37,000	A-47
Southern Systems, Inc.	BP 1500	1,500 line/min.	\$21,000	A-48
Centronics Data Computer Corp.	E-SERIES MODEL II	1,440 line/min.	\$13,740	A-47
General Business Technology, Inc.	324 OLP	1,440 line/min.	\$25,000	A-48
NCR Corp.	NCR 6420-0601	1,440 line/min.	\$36,000	A-48
Decision Data Computer Corp.	MODEL 6814	1,400 line/min.	\$23,000	A-47
Burroughs Corp.	B9246-12-13	1,250 line/min.	\$42,500	A-47
Nissei Sangyo America, Ltd.	FP1250	1,250 line/min.	\$15,000	A-48
Braegon Corp.	8573	1,200 line/min.	N/A	A-50
Data Printer Corp.	3121	1,200 line/min.	N/A	A-50
Documentation	1500 SERIES, MODEL 1200	1,200 line/min.	\$33,000	A-50
Honeywell, Inc.	PRU 9120/9620	1,200 line/min.	\$33,000	A-51
Hixdorf Computer Corp.	8203-12	1,200 line/min.	\$26,500	A-51
Southern Systems, Inc.	QT 1200	1,200 line/min.	\$18,000	A-51
Centronics Data Computer Corp.	E-SERIES MODEL I	1,130 line/min.	\$12,550	A-50
General Business Technology, Inc.	323 OLP	1,130 line/min.	\$20,800	A-50
NCR Corp.	NCR 6420-2301	1,130 line/min.	\$24,000	A-51
Decision Data Computer Corp.	MODEL 6811	1,100 line/min.	\$17,000	A-50
BDS Corp.	B1000	1,000 line/min.	N/A	A-50
Data Printer Corp.	3101	1,000 line/min.	N/A	A-50

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Dataproducts Corp.	B-1000	1,000 line/min.	\$12,800	A-50
Southern Systems, Inc.	B-1000	1,000 line/min.	\$14,000	A-51
	QT 1000	1,000 line/min.	\$14,000	A-51
Hetra Computer	MODEL 3100 MEDIUM SPEED BAND PRINTER	900 line/min.	\$14,000	A-51
Honeywell, Inc.	PRU 9119/9619	900 line/min.	\$26,000	A-51
Nixdorf Computer Corp.	549	900 line/min.	\$24,500	A-51
Centronics Data Computer Corp.	MODEL 6081	750 line/min.	\$7,120	A-52
	MODEL 6085	750 line/min.	\$7,120	A-52
Data Printer Corp.	3751	750 line/min.	N/A	A-53
General Business Technology, Inc.	322 OLP	720 line/min.	\$13,600	A-53
NCR Corp.	NCR 6420-3202	720 line/min.	\$16,800	A-54
Decision Data Computer Corp.	MODEL 6807	700 line/min.	\$12,100	A-53
Burroughs Corp.	B9246-6	650 line/min.	\$14,700	A-52
IBM	3262	650 line/min.	\$15,040	A-53
BDS Corp.	B600	600 line/min.	N/A	A-52
Datapoint Corp.	9258	600 line/min.	\$14,500	A-52
Data Printer Corp.	3601	600 line/min.	N/A	A-52
Dataproducts Corp.	B-600	600 line/min.	\$8,642	A-52
Harris Corp.	HARRIS 4330/4335	600 line/min.	\$15,000	A-53
Honeywell, Inc.	PRU 9126/9127	600 line/min.	N/A	A-53
	PRU 9626/9627	600 line/min.	N/A	A-53
Nixdorf Computer Corp.	548	600 line/min.	\$15,300	A-54
	6362	600 line/min.	\$15,300	A-54
	8203-06	600 line/min.	\$15,300	A-54
Perkin-Elmer Corp.	LP600	600 line/min.	\$13,000	A-54
Southern Systems, Inc.	B-600	600 line/min.	\$9,000	A-54
	QT 600	600 line/min.	\$11,000	A-54
Cantronics Data Computer Corp.	LINEWRITER 400	500 line/min.	\$4,500	A-52
Braegan Corp.	6571	400 line/min.	N/A	A-54
General Business Technology, Inc.	321 OLP	360 line/min.	\$9,500	A-55
NCR Corp.	NCR 6420-2101	360 line/min.	\$12,000	A-56
	NCR 6430	360 line/min.	\$9,000	A-56
Mohawk Data Sciences Corp.	2142-2	340 line/min.	\$11,320	A-56
Telex Computer Products, Inc.	TELEX 289C	340 line/min.	\$11,500	A-58
BDS Corp.	B300	300 line/min.	N/A	A-54
Datapoint Corp.	9257	300 line/min.	\$10,800	A-55
Dataproducts Corp.	B-300	300 line/min.	\$6,800	A-55
Harris Corp.	HARRIS 4320/4325	300 line/min.	\$10,000	A-55
Nixdorf Computer Corp.	543	300 line/min.	\$10,900	A-56
	6360	300 line/min.	\$10,900	A-56
	8203-03	300 line/min.	\$10,900	A-56
	8289-30	300 line/min.	\$10,900	A-56
	8333	300 line/min.	\$10,900	A-56
Perkin-Elmer Corp.	LP-300	300 line/min.	\$9,000	A-56
Southern Systems, Inc.	B-300	300 line/min.	\$6,700	A-57
	QT 300	300 line/min.	\$8,000	A-57
NCR Corp.	NCR 6420-2401	285 line/min.	\$9,600	A-56
Mohawk Data Sciences Corp.	2142-1	240 line/min.	\$8,120	A-56
Computer Designed Systems, Inc.	PB-900	900 char./sec.	\$25,000	A-61
	PB-400	400 char./sec.	\$22,000	A-62

Belt Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Honeywell, Inc.	PRU 1600	1,600 line/min.	N/A	A-48
	PRU 1201	1,200 line/min.	N/A	A-51
	PRU 1205	1,200 line/min.	N/A	A-51
	PRU 0901	900 line/min.	N/A	A-51
	PRU 0906	900 line/min.	N/A	A-51
General Electric Co.	GE 340	545 line/min.	\$4,835	A-53
	GE 310	340 line/min.	\$4,170	A-55
ITT Courier Terminal Systems, Inc.	2760 SERIES	340 line/min.	N/A	A-56
Teletype Corp.	MODEL 40 PRINTER	300 line/min.	\$5,133	A-58
Honeywell, Inc.	PRU 7014	220 line/min.	N/A	A-55
General Electric Co.	GE 510	510 char./sec.	\$5,795	A-62

Printer Index

Chain/Train Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Burroughs Corp.	B9246-20	2,000 line/min.	\$69,800	A-47
IBM	3211	2,000 line/min.	\$69,355	A-48
NCR Corp.	NCR 647	2,000 line/min.	\$71,000	A-48
Renaissance Marketing, Inc.	RENAISSANCE LP7000	1,500 line/min.	\$21,000	A-48
Storage Technology Corp.	1500 SERIES	1,500 line/min.	N/A	A-50
Harris Corp.	HARRIS 4260/4270	1,200 line/min.	\$40,000	A-50
Hetra Computer	MODEL 3300 HIGH SPEED IMPACT PRINTER	1,200 line/min.	\$22,000	A-51
IBM	3203-5	1,200 line/min.	\$33,875	A-51
NCR Corp.	NCR 646	1,200 line/min.	\$58,000	A-51
Braegen Corp.	3128	1,000 line/min.	N/A	A-50
Braegen Corp.	3127	600 line/min.	N/A	A-51
Data Printer Corp.	1260	600 line/min.	N/A	A-52
Hewlett-Packard Co.	HP 2611A CHAIN TRAIN LINE PRINTER	600 line/min.	\$18,560	A-53
	HP 2619A CHAIN TRAIN LINE PRINTER	600 line/min.	\$26,370	A-53
General Business Technology, Inc.	5201FA	400 line/min.	\$7,200	A-55
	5202 LP	400 line/min.	\$8,000	A-55
Burroughs Corp.	B9249-375	375 line/min.	\$8,915	A-54
Business Information Systems, Inc.	C-4300	300 line/min.	\$6,000	A-55
Innovative Electronics, Inc.	INNOVATOR 154	300 line/min.	\$4,995	A-55
	INNOVATOR 202	300 line/min.	\$4,995	A-55
	INNOVATOR 250	300 line/min.	\$4,995	A-55
Q1 Corp.	203	300 line/min.	\$7,600	A-57

Daisywheel Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Nixdorf Computer Corp.	8336	600 line/min.	\$15,300	A-54
Printronix, Inc.	P600	600 line/min.	\$7,700	A-54
	P300	300 line/min.	\$5,700	A-57
	MVP (TASK MASTER II)	200 line/min.	\$3,500	A-64
	P150	150 line/min.	\$4,600	A-64
Automatic Funds Transfer Services	AFT 200 MICR PRINTER	400 char./sec.	\$19,500	A-62
Business Information Systems, Inc.	C-4810	150 char./sec.	\$1,700	A-66
	C-4510	120 char./sec.	\$995	A-66
Fujitsu America, Inc.	SP630	80 char./sec.	\$2,950	A-81
Qume Corp.	TWIN TRACK	75 char./sec.	\$4,000	A-85
IBM	5219	60 char./sec.	\$5,835	A-82
BDS Corp.	L055	55 char./sec.	N/A	A-77
Business Information Systems, Inc.	C-4055	55 char./sec.	\$2,500	A-78
Cromemco, Inc.	335B	55 char./sec.	\$3,495	A-78
Dataproducts Corp.	DP-55	55 char./sec.	\$2,495	A-79
ITT Courier Terminal Systems, Inc.	8760	55 char./sec.	N/A	A-82
Qume Corp.	SPRINT 7	55 char./sec.	\$2,500	A-84
	SPRINT 8/50	50 char./sec.	\$2,500	A-84
	SPRINT 10/50	50 char./sec.	\$2,500	A-85
Fujitsu America, Inc.	SP 320	48 char./sec.	\$1,995	A-81
Billings Computer Corp.	P45	45 char./sec.	\$1,995	A-77
Braegen Corp.	3125	45 char./sec.	N/A	A-77
Mohawk Data Sciences Corp.	2141	45 char./sec.	\$4,293	A-82
	2141-1	45 char./sec.	\$4,960	A-82
Nixdorf Computer Corp.	515 TERMINAL PRINTER	45 char./sec.	\$5,120	A-83
	8345	45 char./sec.	\$5,120	A-83
	8045	45 char./sec.	\$5,120	A-83
	8321	45 char./sec.	\$5,120	A-83
	8745	45 char./sec.	\$5,120	A-84
Primages, Inc.	IMAGE I	45 char./sec.	\$1,650	A-84
Q1 Corp.	201	45 char./sec.	\$5,000	A-85
Ricoh of America	1600	45 char./sec.	N/A	A-85
Yandy Corp.	DWIE	43 char./sec.	\$1,995	A-86
Apple Computer, Inc.	APPLE LETTER QUALITY PRINTER	40 char./sec.	\$2,195	A-77
Automatic Funds Transfer Services	AFT 100 MICR PRINTER	40 char./sec.	\$12,500	A-77
Business Information Systems, Inc.	C-4040	40 char./sec.	\$2,000	A-78
Diablo Systems, Inc.	630	40 char./sec.	N/A	A-79
Dictaphone Corp.	DICTAPHONE 6720	40 char./sec.	\$2,995	A-80

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Facit, Inc.	FACIT 4565	40 char./sec.	\$1,895	A-81
Hewlett-Packard Co.	HP 2601	40 char./sec.	\$3,520	A-81
IBM	5210	40 char./sec.	\$3,530	A-81
	5218	40 char./sec.	\$3,300	A-81
Leading Edge Products, Inc.	STARWRITER F10-40PU	40 char./sec.	\$1,895	A-82
	STARWRITER F10-40RU	40 char./sec.	\$1,895	A-82
Mohawk Data Sciences Corp.	2141-3	40 char./sec.	\$3,550	A-82
Olympia U.S.A., Inc.	ESW 3000	40 char./sec.	\$1,899	A-84
Qume Corp.	SPRINT 11/40-130 PLUS	40 char./sec.	\$1,990	A-85
	SPRINT 11/40-130 WT PLUS	40 char./sec.	\$2,965	A-85
Transtar	TRANSTAR 140	40 char./sec.	\$1,695	A-88
Dataproducs Corp.	DP-35	35 char./sec.	\$1,995	A-79
Moneywell, Inc.	PRU 7007	35 char./sec.	N/A	A-81
Qume Corp.	SPRINT 8/35	35 char./sec.	\$2,500	A-84
	SPRINT 10/35	35 char./sec.	\$2,500	A-84
	SPRINT 11/40 PLUS	35 char./sec.	\$1,776	A-85
Data Terminals & Communications	DTG 3802	32 char./sec.	\$1,485	A-79
Digital Equipment Corp.	LQ102 LETTER-QUALITY PRINTER	32 char./sec.	\$2,800	A-80
Docutel Olivetti Corp.	DICTAPHONE 6710	30 char./sec.	\$2,200	A-79
	ET 351 (LCU340)	30 char./sec.	\$4,800	A-80
Nixdorf Computer Corp.	837	30 char./sec.	\$5,000	A-83
Ricoh of America	1300	30 char./sec.	N/A	A-85
Tandy Corp.	DWP410	30 char./sec.	\$1,295	A-86
Wang Laboratories, Inc.	MODEL 2281 WCR	30 char./sec.	\$7,000	A-88
	MODEL 2281 WR	30 char./sec.	\$5,000	A-88
	MODEL 6581 W	30 char./sec.	\$5,000	A-88
	MODEL 6581 WC	30 char./sec.	\$7,000	A-88
	DY 211	27 char./sec.	\$1,595	A-80
Docutel Olivetti Corp.	ET 231 (LCU310)	27 char./sec.	\$2,770	A-80
Computers International	DAISYWRITER	25 char./sec.	\$1,495	A-78
Diablo Systems, Inc.	620	25 char./sec.	N/A	A-79
	620 PLUS	25 char./sec.	\$2,100	A-79
Docutel Olivetti Corp.	DY 250	25 char./sec.	\$1,200	A-80
Hewlett-Packard Co.	HP 2602	25 char./sec.	\$1,950	A-81
OPE Peripherals, Inc.	DY 250	25 char./sec.	\$1,200	A-84
Ope Printers, Inc.	D4260	25 char./sec.	\$795	A-84
Wang Laboratories, Inc.	MODEL 6581 WD	25 char./sec.	\$9,750	A-88
Facit, Inc.	FACIT 4560	22 char./sec.	\$1,395	A-81
Olympia U.S.A., Inc.	ESW102	20 char./sec.	\$1,399	A-84
Ricoh of America	1200	20 char./sec.	N/A	A-85
Wang Laboratories, Inc.	DWJ05-20	20 char./sec.	\$2,695	A-88
Juki America	MODEL 6100	18 char./sec.	\$699	A-82
Tandy Corp.	DWP 210	18 char./sec.	\$799	A-86
Transtar	TRANSTAR 130	18 char./sec.	\$895	A-88
Comrex International	COMREX CR-I	17 char./sec.	\$995	A-78
	COMREX CR-I COMRITER	17 char./sec.	\$1,019	A-78
Docutel Olivetti Corp.	ET 121 (LCU1131)	17 char./sec.	\$995	A-80
Silver-Reed America, Inc.	EXP 500 II	17 char./sec.	\$895	A-85
Brother International Corp.	HR-1 DAISY WHEEL PRINTER	16 char./sec.	\$1,200	A-78
Sanyo Business Systems Corp.	SANYO PR 5500	16 char./sec.	\$995	A-85
Silver-Reed America, Inc.	EXP 500	14 char./sec.	N/A	A-85
Transtar	TRANSTAR 120	14 char./sec.	\$599	A-88
Brother International Corp.	HR-15 DAISY WHEEL PRINTER	13 char./sec.	\$599	A-78
Comrex International	COMREX CR-II	13 char./sec.	\$599	A-78
	COMREX CR-II COMRITER	13 char./sec.	\$629	A-78
Cromemco, Inc.	CLQ	13 char./sec.	\$795	A-79
Docutel Olivetti Corp.	PRAXIS 41 (LSU41)	12 char./sec.	\$795	A-80
SCM Corp.	TP(SERIES)	12 char./sec.	\$895	A-85
Qume Corp.	SPRINT 9	5 char./sec.	\$2,250	A-84
Datapoint Corp.	9611	N/A	\$3,495	A-89
Qume Corp.	SPRINT 11/55 PLUS	N/A	\$1,990	A-89

Dot-Matrix Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Versatec, Inc.	VERSATEC V-80	1,000 line/min.	\$9,950	A-52
Mannesmann Tally Corp.	MT 660	600 line/min.	\$7,995	A-54
Nissei Sangyo America, Ltd.	AD60	600 line/min.	\$7,000	A-54
IBM	5225-4	560 line/min.	\$16,940	A-54
	5225-3	490 line/min.	\$15,495	A-53
Hewlett-Packard Co.	HP 2608A/2608S DOT MATRIX LINE PRINTER	400 line/min.	\$11,170	A-55

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
IBM	5225-2	400 line/min	\$13,945	A-55
Nissel Sangyo America, Ltd.	AD30	300 line/min	\$5,400	A-56
Racal-Milgo, Inc.	4295	300 line/min	\$6,333	A-57
Technical Analysis Corp.	MACRO GRAFIX L/300-2	300 line/min	N/A	A-57
Trilog, Inc.	C-60	300 line/min	\$11,500	A-58
Weber Marking Systems	LEGITRONICS 1560	300 line/min	\$15,000	A-58
	LEGITRONICS 2060	300 line/min	\$19,800	A-58
Data Specialties, Inc.	ZEBRA DEMAND PRINTER	263 line/min	\$3,470	A-55
Trilog, Inc.	C-100	250 line/min	\$8,200	A-58
	T-1100A	250 line/min	\$8,200	A-58
	T-1100A	250 line/min	\$9,050	A-58
IBM	5224-2	240 line/min	\$7,280	A-55
Mittele Corp.	HSP 3609-212A HIGH-SPEED LINE PRINT.	240 line/min	\$20,000	A-56
IBM	5225-1	200 line/min	\$12,075	A-59
Trilog, Inc.	C-144	190 line/min	\$11,500	A-60
Ideographix, Inc.	IPX MODEL 3000	150 line/min	\$11,000	A-59
Megatek Corp.	HCU-1	150 line/min	N/A	A-59
Mittele Corp.	LP 3036 LINE PRINTER	150 line/min	\$7,000	A-59
Trilog, Inc.	TP-150	150 line/min	\$3,900	A-60
Weber Marking Systems	LEGITRONICS 1550	150 line/min	\$9,000	A-60
IBM	5224-1	140 line/min	\$6,395	A-59
NCR Corp.	NCR 6440-0202	125 line/min	N/A	A-60
Telxon Corp.	TELXON IT-40	120 line/min	\$895	A-60
NCR Corp.	NCR 6410	90 line/min	\$2,300	A-60
Capitol Circuits Corp.	SERIES 5400L	72 line/min	\$795	A-58
NCR Corp.	NCR 6440-0302	70 line/min	N/A	A-60
	NCR 6440-0402	50 line/min	N/A	A-60
Ramtek Corp.	4100 COLORGRAPHIC PRINTER	40 line/min	\$6,995	A-60
Datametrics Corp.	DMC-2001	2,000 char./sec	\$8,000	A-61
Perkin-Elmer Corp.	650	960 char./sec	N/A	A-62
	660	960 char./sec	N/A	A-62
Computer Designed Systems, Inc.	PM-600	600 char./sec	\$13,500	A-61
Dennison Manufacturing Co.	2110	600 char./sec	\$10,000	A-61
	2200	600 char./sec	\$10,000	A-61
	2310	600 char./sec	\$10,000	A-61
Florida Data Corp.	OSP 120	600 char./sec	\$3,900	A-61
	OSP 130	600 char./sec	\$4,100	A-62
Information Devices Corp.	RMS-600	600 char./sec	\$20,000	A-62
	RMS-600 REMOTE BATCH PRINTER	600 char./sec	\$21,000	A-62
Computer Designed Systems, Inc.	PM-450	450 char./sec	\$13,500	A-62
Centronics Data Computer Corp.	MODEL 357	400 char./sec	N/A	A-62
	MODEL 358	400 char./sec	N/A	A-62
Diablo Systems, Inc.	DOT MATRIX 38	400 char./sec	\$2,200	A-62
General Business Technology, Inc.	5220DP	400 char./sec	\$5,400	A-64
	5220MP	400 char./sec	\$4,750	A-64
General Electric Co.	GE 3400	400 char./sec	\$2,410	A-64
	GE 3404	400 char./sec	\$2,610	A-64
Santec Corp.	5700 VARIFLEX	390 char./sec	\$3,600	A-64
Dennison Manufacturing Co.	4200	350 char./sec	\$5,500	A-62
Interface Systems, Inc.	MODEL 487	350 char./sec	\$4,950	A-64
Okidata Corp.	PACEMARK 2350	350 char./sec	\$2,895	A-64
	PACEMARK 2410	350 char./sec	\$2,995	A-64
Braegen Corp.	3126-9	340 char./sec	N/A	A-62
Dataproducts Corp.	M-200	340 char./sec	\$3,000	A-62
IBM	3258	340 char./sec	\$7,500	A-64
Printek, Inc.	PRINTEX 920	340 char./sec	\$2,395	A-64
Southern Systems, Inc.	M-200	340 char./sec	\$3,000	A-64
Tektronix, Inc.	4643	340 char./sec	\$4,300	A-64
Teletype Corp.	AP-200	340 char./sec	\$3,868	A-64
Vector Graphic, Inc.	M200	340 char./sec	\$3,450	A-64
Facit, Inc.	FACIT 4570	330 char./sec	\$2,995	A-64
NCR Corp.	NCR 6442	325 char./sec	\$3,700	A-64
BDS Corp.	GP300	300 char./sec	N/A	A-66
Computer Designed Systems, Inc.	PM-211	300 char./sec	\$2,000 to \$8,500	A-68
	PM-300	300 char./sec	\$13,500	A-68
Envision Technology, Inc.	MODEL 420 COLOR PRINTER	300 char./sec	\$4,450	A-69
	MODEL 430 COLOR VECTOR PRINTER	300 char./sec	\$5,450	A-69
General Electric Co.	GE 3300	300 char./sec	\$2,210	A-70
	GE 3304	300 char./sec	\$2,450	A-70
Philips Peripherals, Inc.	GP 300	300 char./sec	\$3,300	A-74
	GP 300L	300 char./sec	\$3,500	A-74
Anadex, Inc.	WP-6000 MULTI-MODE PRINTER	285 char./sec	\$3,250	A-65
Computer Designed Systems, Inc.	PM-210	250 char./sec	N/A	A-67
Facit, Inc.	FACIT 4542	250 char./sec	\$3,280	A-69
	FACIT 4544	250 char./sec	\$3,930	A-69
Printek, Inc.	PRINTEX 930	250 char./sec	\$1,895	A-74
Digital Equipment Corp.	LP-100	240 char./sec	\$2,215	A-68
ITT Courier Terminal Systems, Inc.	8720	240 char./sec	N/A	A-71

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
ITT Courier Terminal Systems, Inc.	8725	240 char./sec.	N/A	A-71
Texas Instruments, Inc.	OMNI 800/ENHANCED 810	225 char./sec.	\$2,295	A-76
Tandy Corp.	DMP500	220 char./sec.	\$1,795	A-75
Wang Laboratories, Inc.	MODEL 2235R	220 char./sec.	\$4,500	A-76
	MODEL 5535	220 char./sec.	\$4,500	A-76
Nixdorf Computer Corp.	8287-20B	210 char./sec.	N/A	A-73
Anadex, Inc.	DP-9620A	200 char./sec.	\$1,845	A-65
	DP-9625A	200 char./sec.	\$1,995	A-65
Braegen Corp.	3122-8	200 char./sec.	N/A	A-66
	3122-9	200 char./sec.	N/A	A-66
	8460	200 char./sec.	N/A	A-66
	8562	200 char./sec.	N/A	A-66
	8567	200 char./sec.	N/A	A-66
Cardinal Scale Manufacturing Co.	CARDINAL 2170	200 char./sec.	\$2,300	A-66
Centronics Data Computer Corp.	MODEL 351 PRINTSTATION	200 char./sec.	\$2,195	A-67
	MODEL 352 PRINTSTATION	200 char./sec.	\$1,795	A-67
	MODEL 353 PRINTSTATION	200 char./sec.	\$2,495	A-67
General Business Technology, Inc.	5203DP	200 char./sec.	\$4,795	A-69
	5203MP	200 char./sec.	\$4,495	A-69
General Electric Co.	GE 200 LINE PRINTER	200 char./sec.	\$3,010	A-70
	GE 3024	200 char./sec.	\$1,550	A-70
Infoscrite, Inc.	1000	200 char./sec.	\$1,895	A-71
	1100	200 char./sec.	\$2,195	A-71
	1200	200 char./sec.	\$2,495	A-71
Integral Data Systems, Inc.	PRISM 80	200 char./sec.	\$1,299	A-71
	PRISM 132	200 char./sec.	\$1,499	A-71
Mannesmann Tally Corp.	MT 1600	200 char./sec.	\$1,695	A-72
	MT 1900	200 char./sec.	\$2,295	A-72
Okidata Corp.	MICROLINE 84	200 char./sec.	\$1,395	A-73
Printek, Inc.	PRINTEK 910	200 char./sec.	\$1,595	A-74
Q1 Corp.	202	200 char./sec.	\$5,500	A-74
Racal-Milgo, Inc.	4287N	200 char./sec.	\$4,125	A-75
Panasonic Industrial Co.	KX-P1160	196 char./sec.	\$1,750	A-74
Wang Laboratories, Inc.	MODEL 5577	192 char./sec.	\$5,975	A-76
Computer Designed Systems, Inc.	PM-180	180 char./sec.	N/A	A-67
Cromemco, Inc.	3703	180 char./sec.	\$3,195	A-68
Dataproducs Corp.	M-120	180 char./sec.	\$2,700	A-68
Datasouth Computer	DS 180 MATRIX PRINTER	180 char./sec.	\$1,595	A-68
General Electric Co.	GE 3180	180 char./sec.	\$1,990	A-70
	GE 3181	180 char./sec.	\$1,830	A-70
	GE 3184	180 char./sec.	\$2,190	A-70
	GE 3185	180 char./sec.	\$2,130	A-70
Hewlett-Packard Co.	HP 2631B	180 char./sec.	\$3,970	A-70
	HP 2631G	180 char./sec.	\$3,970	A-70
Interface Systems, Inc.	151-387	180 char./sec.	\$4,250	A-71
ITT Courier Terminal Systems, Inc.	8700 SERIES	180 char./sec.	N/A	A-71
	8740	180 char./sec.	\$1,695	A-72
Lear Siegler, Inc.	VERSAPRINT 500	180 char./sec.	\$1,695	A-72
MDS Trivex, Inc.	8087	180 char./sec.	N/A	A-72
Memorex Corp.	2087 MATRIX PRINTERS	180 char./sec.	\$5,159	A-72
Microprocessor Systems, Inc.	R250	180 char./sec.	\$800	A-73
NEC Information Systems	PINWRITER P1	180 char./sec.	\$795	A-73
North Atlantic Industries	7020	180 char./sec.	\$1,595	A-73
	7030	180 char./sec.	\$1,995	A-73
	7040	180 char./sec.	\$2,195	A-73
Northern Telecom, Inc.	SYCOR SPRINTER	180 char./sec.	N/A	A-73
Perkin-Elmer Corp.	CP180R	180 char./sec.	\$4,500	A-74
	CP180	180 char./sec.	\$4,500	A-74
Facit, Inc.	FACIT 4528	165 char./sec.	\$2,195	A-69
	FACIT 5000C	165 char./sec.	N/A	A-69
	FACIT 5000V	165 char./sec.	\$2,095	A-69
Harris Corp.	HARRIS 4415	165 char./sec.	\$4,000	A-70
Hi-G / AMS Control Corp.	132 PS	165 char./sec.	\$1,295	A-70
Billings Computer Corp.	P160	160 char./sec.	\$700	A-66
	P200	160 char./sec.	\$1,250	A-66
Datapoint Corp.	9621	160 char./sec.	\$2,500	A-68
	9622	160 char./sec.	\$2,500	A-68
	9628	160 char./sec.	\$895	A-68
Epson America, Inc.	FX 80	160 char./sec.	\$699	A-69
General Electric Co.	GE 3014	160 char./sec.	\$1,350	A-70
Honeywell, Inc.	PRU 1018	160 char./sec.	N/A	A-70
	PRU 9614	160 char./sec.	N/A	A-70
IBM	5242	160 char./sec.	\$2,975	A-71
Mannesmann Tally Corp.	MT 1601	160 char./sec.	\$698	A-72
	MT 160L	160 char./sec.	\$798	A-72
	MT 1801	160 char./sec.	\$998	A-72
	MT 180L	160 char./sec.	\$1,098	A-72
Okidata Corp.	MICROLINE 92	160 char./sec.	\$699	A-73

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Okidata Corp.	MICROLINE 93	160 char./sec.	\$1,249	A-74
Racal-Milgo, Inc.	8160-1	160 char./sec.	\$1,160	A-75
	8161-2	160 char./sec.	\$1,100	A-75
Anacom General Corp.	ANACOM 150-132	150 char./sec.	\$1,495	A-65
	ANACOM 150-132-Z	150 char./sec.	\$1,895	A-65
	ANACOM 150-80	150 char./sec.	\$1,420	A-65
	ANACOM 150-80-Z	150 char./sec.	\$1,820	A-65
	ANACOM 160-132	150 char./sec.	\$1,750	A-65
	ANACOM 160-132-Z	150 char./sec.	\$2,150	A-65
	ANACOM 160-80	150 char./sec.	\$1,675	A-65
	ANACOM 160-80-Z	150 char./sec.	\$2,075	A-65
Anadex, Inc.	DP-9000A	150 char./sec.	\$1,625	A-65
	DP-9001A	150 char./sec.	\$1,625	A-65
	DP-9500A	150 char./sec.	\$1,725	A-65
	DP-9501A	150 char./sec.	\$1,725	A-65
Capitol Circuits Corp.	SERIES S400	150 char./sec.	\$775	A-66
	SERIES S400T	150 char./sec.	\$775	A-66
Centronics Data Computer Corp.	MODEL 150	150 char./sec.	N/A	A-67
	MODEL 152	150 char./sec.	N/A	A-67
	MODEL 159	150 char./sec.	N/A	A-67
	MODEL 704	150 char./sec.	\$2,205	A-67
Commodore Business Machines, Inc.	CBM 8023P	150 char./sec.	\$995	A-67
Cromemco, Inc.	315	150 char./sec.	\$1,295	A-68
Decision Data Computer Corp.	MODEL 6541-02	150 char./sec.	\$4,000	A-68
	MODEL 6541-05	150 char./sec.	\$5,000	A-68
	MODEL 6541-07	150 char./sec.	\$3,800	A-68
Facit, Inc.	FACIT 5000A	150 char./sec.	N/A	A-69
General Business Technology, Inc.	52108L	150 char./sec.	\$4,995	A-69
Hi-G/AMS Control Corp.	9/80	150 char./sec.	\$1,050	A-70
Infoscribe, Inc.	500	150 char./sec.	\$1,530	A-71
ITT Courier Terminal Systems, Inc.	8710	150 char./sec.	N/A	A-71
Micro Peripherals, Inc.	PRINTMATE 150	150 char./sec.	N/A	A-72
Nixdorf Computer Corp.	520	150 char./sec.	\$6,000	A-73
Novell Data Systems, Inc.	IMAGE 800	150 char./sec.	N/A	A-73
Perry Data Systems, Inc.	2014	150 char./sec.	N/A	A-74
	2042	150 char./sec.	N/A	A-74
Raytheon Co.	R2187-1 PRINTER	150 char./sec.	\$4,600	A-75
TDC	HPM 11	150 char./sec.	N/A	A-75
	HPM 80	150 char./sec.	\$276	A-75
	HPM 136	150 char./sec.	\$286	A-75
Texas Instruments, Inc.	OMNI 800/810	150 char./sec.	\$1,645	A-75
	OMNI 800/820	150 char./sec.	\$1,995	A-75
	OMNI 800/850	150 char./sec.	\$599	A-76
Weber Marking Systems	LEGITRONICS 2050	150 char./sec.	\$14,500	A-76
Zenith Data Systems	ZENITH Z-125 DOT MATRIX PRINTER	150 char./sec.	\$1,499	A-76
Zenith Radio Corp.	Z-125	150 char./sec.	\$1,499	A-76
Japan Digital Laboratory	JDL P700	145 char./sec.	\$2,000	A-71
Dataproducts Corp.	M-100	140 char./sec.	\$3,000	A-68
Mannesmann Tally Corp.	MT 78-S	140 char./sec.	\$4,345	A-72
Southern Systems, Inc.	M-100	140 char./sec.	\$3,000	A-75
Tandy Corp.	DMP 420	140 char./sec.	\$999	A-75
Westrex OEM Products	MODEL 8400	140 char./sec.	\$750	A-76
Integrex Inc.	CX 80	125 char./sec.	\$1,595	A-71
Apple Computer, Inc.	APPLE DOT MATRIX PRINTER	120 char./sec.	\$695	A-65
Canon U.S.A., Inc.	A 1200	120 char./sec.	\$595	A-66
Carterfone Communications Corp.	5082	120 char./sec.	\$750	A-66
	5083	120 char./sec.	\$1,150	A-67
Centronics Data Computer Corp.	MODEL 122 GRAPHICS	120 char./sec.	\$995	A-67
Facit, Inc.	FACIT 4510	120 char./sec.	\$695	A-69
General Business Technology, Inc.	5207FA	120 char./sec.	\$2,995	A-69
	5207MP	120 char./sec.	\$2,995	A-69
IBM	5256-3	120 char./sec.	\$4,535	A-71
Inform Computer Terminals, Inc.	387 MATRIX PRINTER	120 char./sec.	\$1,000	A-71
Leading Edge Products, Inc.	PROWRITER 2 1550 BCD	120 char./sec.	\$995	A-72
	PROWRITER 8510 AP	120 char./sec.	\$495	A-72
	PROWRITER 8510 BCD	120 char./sec.	\$695	A-72
Mohawk Data Sciences Corp.	2144	120 char./sec.	\$1,900	A-73
NCR Corp.	NCR 6411-136 COLUMN	120 char./sec.	\$1,200	A-73
	NCR 6411-80 COLUMN	120 char./sec.	\$900	A-73
Okidata Corp.	MICROLINE B2A	120 char./sec.	\$549	A-73
	MICROLINE B3A	120 char./sec.	\$899	A-73
Perkin-Elmer Corp.	CP120	120 char./sec.	N/A	A-74
Personal Micro Computers, Inc.	DMP-85	120 char./sec.	\$495	A-74
Philips Peripherals, Inc.	GP 150	120 char./sec.	N/A	A-74
Q1 Corp.	204	120 char./sec.	\$4,500	A-74
Racal-Milgo, Inc.	4285	120 char./sec.	\$925	A-74
Tandy Corp.	DWP200	120 char./sec.	\$699	A-75
Telecom Terminal Systems	AIRLINE REGISTRATION SYSTEM	120 char./sec.	\$3,000	A-75

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Telecom Terminal Systems	TELEX PRINTER	120 char./sec.	\$2,500	A-75
Wang Laboratories, Inc.	MODEL 2233R	120 char./sec.	\$3,500	A-76
	MODEL 5533	120 char./sec.	\$3,500	A-76
Coosol, Inc.	101 B-80E	110 char./sec.	\$450	A-68
	102A-48	110 char./sec.	\$350	A-68
Integral Data Systems, Inc.	MICROPRISM 480	110 char./sec.	N/A	A-71
Trans-Lux Corp.	TRANS-LUX 300	110 char./sec.	\$2,865	A-76
Axiom Corp.	IMP-4 PROFESSIONAL PRINTER	100 char./sec.	\$749	A-77
Data Impact Products, Inc.	DIP-81A	100 char./sec.	\$499	A-79
	DIP-84G	100 char./sec.	\$695	A-79
	DIP-92	100 char./sec.	\$399	A-79
Data Impact Products, Inc.	D-92	100 char./sec.	\$399	A-79
Diablo Systems, Inc.	MATRIX 11	100 char./sec.	N/A	A-79
	MATRIX 11A	100 char./sec.	N/A	A-79
	MODEL 31	100 char./sec.	\$950	A-79
	MODEL 31A	100 char./sec.	N/A	A-79
Digital Equipment Corp.	LA50	100 char./sec.	\$695	A-80
Honeywell, Inc.	PRU 7060/7061	100 char./sec.	N/A	A-81
	PRU 7065/7066	100 char./sec.	N/A	A-81
	PRU 7070/7071	100 char./sec.	\$1,195	A-81
	PRU 7075/7076	100 char./sec.	\$1,495	A-81
Micro Peripherals, Inc.	PRINTMATE 99	100 char./sec.	\$599	A-82
Nixdorf Computer Corp.	6350	100 char./sec.	\$3,950	A-83
	8287-10A	100 char./sec.	\$3,550	A-83
	8287-10B	100 char./sec.	\$3,950	A-83
Singer Data Products	5010	100 char./sec.	\$1,075	A-86
	5011	100 char./sec.	\$1,075	A-86
	5012	100 char./sec.	\$1,075	A-86
	5080	100 char./sec.	\$395	A-86
Star Micronics, Inc.	GEMINI-10	100 char./sec.	\$499	A-86
	GEMINI-15	100 char./sec.	\$645	A-86
Syntest Corp.	SYNTEST SP-2000	100 char./sec.	\$925	A-86
TDC	GPM 40	100 char./sec.	\$180	A-86
	GPM 80	100 char./sec.	\$235	A-86
Q1 Corp.	205	96 char./sec.	N/A	A-85
Business Information Systems, Inc.	C-4180	80 char./sec.	\$1,600	A-78
Computer Designed Systems, Inc.	PM-080	80 char./sec.	N/A	A-78
	PM-200	80 char./sec.	N/A	A-78
Epson America, Inc.	MX-80 FT	80 char./sec.	\$695	A-80
IBM	4975 1L	80 char./sec.	\$2,800	A-81
	5222-1	80 char./sec.	\$2,345	A-82
	5241	80 char./sec.	\$2,040	A-82
	5256-2	80 char./sec.	\$4,340	A-82
Okidata Corp.	MICROLINE 80	80 char./sec.	\$449	A-84
Panasonic Industrial Co.	KX-1090	80 char./sec.	\$499	A-84
Hi-G / AMS Control Corp.	9/80 PSF	75 char./sec.	\$1,195	A-81
Japan Digital Laboratory	JDL P200	70 char./sec.	\$2,000	A-82
Capitol Circuits Corp.	SERIES S100	65 char./sec.	\$460	A-78
	SERIES 100T	65 char./sec.	\$680	A-78
	SERIES 270	65 char./sec.	\$660	A-78
Axiom Corp.	GP-250X	50 char./sec.	\$339	A-77
Eaton Printer Products	7000 +	50 char./sec.	\$425	A-80
Tandy Corp.	DMP100	50 char./sec.	\$399	A-86
Atari, Inc.	1025	40 char./sec.	\$549	A-77
IBM	5256-1	40 char./sec.	\$4,145	A-82
Axiom Corp.	GP-100A	30 char./sec.	\$266	A-77
Digitec	PRINTER 6630	22 char./sec.	\$565	A-80
Epson America, Inc.	COMRITER	17 char./sec.	\$1,100	A-80
Racal-Dana Instruments, Inc.	1001 THERMAL	3 char./sec.	\$1,300	A-85
	1002 THERMAL	3 char./sec.	\$1,600	A-85
Addmaster Corp.	MODEL 171/172	2 char./sec.	\$345	A-77
Digitec	PRINTER 6620	1 char./sec.	\$495	A-80
Addmaster Corp.	MODEL 181/182	2 char./sec.	\$459	A-77
Digitec	PRINTER 6610	N/A	\$495	A-89
	PRINTER 6611	N/A	\$525	A-89
Honeywell, Inc.	PRU 7270/7271/7272	N/A	\$3,450	A-89
Philips Peripherals, Inc.	GP100	N/A	\$2,600	A-89
Renaissance Marketing, Inc.	RENAISSANCE PAGE PRINTING	N/A	N/A	A-90
Tandy Corp.	DMP120	N/A	\$500	A-89
	DMP2100	N/A	\$1,995	A-89
Trilog, Inc.	TIP-300	N/A	\$4,900	A-89

Printer Index

Drum Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Cynthia Peripheral Corp.	MP-6090	6,000 line/min.	\$75,000	A-47
Decision Data Computer Corp.	MODEL 6610	1,000 line/min.	\$22,000	A-50
Datapoint Corp.	9265	900 line/min.	\$29,750	A-50
Data Card Corp.	CFO SYSTEM 10	800 line/min.	\$85,000	A-52
	CFO SYSTEM 20	800 line/min.	\$10,000	A-52
	CFO SYSTEM 30	800 line/min.	\$115,000	A-52
	CFO SYSTEM 40	800 line/min.	\$13,000	A-52
	CFO SYSTEM 50	800 line/min.	\$15,000	A-52
Decision Data Computer Corp.	MODEL 6680	900 line/min.	\$19,000	A-53
	MODEL 6685	650 line/min.	\$17,000	A-53
Mohawk Data Sciences Corp.	2145	300 line/min.	\$20,600	A-56
DI/AN Controls, Inc.	8100	20 line/min.	\$3,500	A-58
	8379	20 line/min.	\$4,500	A-58
	8500	20 line/min.	\$6,000	A-58
	8510	20 line/min.	\$7,000	A-58
Datadyne Corp.	MODEL 722	4,800 char./sec.	\$2,100	A-61
Computer Designed Systems, Inc.	PD-600	600 char./sec.	\$23,000	A-61
	PD-300	300 char./sec.	\$23,000	A-61
Digitec	DIGITAL RECORDER 6100 SERIES	45 char./sec.	\$1,000	A-60

Electrosensitive Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Honeywell, Inc.	PPS IIE	18,000 line/min.	\$53,200	A-90
	PPS II	12,000 line/min.	\$27,600	A-90
Automatic Funds Transfer Services	AFT 300 PAGE PRINTER	9,000 line/min.	\$50,000	A-90
Honeywell, Inc.	PPS	8,000 line/min.	\$10,000	A-90
Houston Instruments	MODEL 8210	2,400 line/min.	\$3,995	A-48
	MODEL 8230	1,400 line/min.	\$3,995	A-48
	MODEL 8220	1,000 line/min.	\$3,995	A-51
Versatec, Inc.	V80	1,000 line/min.	\$8,950	A-51
Benson, Inc.	9322 ELECTROSTATIC	560 line/min.	N/A	A-52
	9424 ELECTROSTATIC	475 line/min.	N/A	A-52
	9336 ELECTROSTATIC	370 line/min.	N/A	A-54
	9436 ELECTROSTATIC	238 line/min.	N/A	A-54
	9344 ELECTROSTATIC	230 line/min.	N/A	A-54
Datametrics Corp.	DMC-4680	160 line/min.	\$9,000	A-58
Axiom Corp.	EX-801 MICRO PRINTER	120 line/min.	\$640	A-58
Datametrics, Inc.	DMC 1500	1,600 char./sec.	\$28,000	A-61
	DMC 4003	1,100 char./sec.	\$16,000	A-61
SCI Systems, Inc.	SCI MODEL 1180	1,100 char./sec.	\$1,200	A-62
Axiom Corp.	EX-1620	960 char./sec.	\$999	A-61
	EX-420	550 char./sec.	\$849	A-61
	EX 1601	240 char./sec.	\$699	A-65
Comprint, Inc.	912 AG	225 char./sec.	\$695	A-67
	912 ALFA-NUMERIC	225 char./sec.	\$495	A-67
	912 GO	225 char./sec.	\$995	A-67
	COMPRINT 912	225 char./sec.	\$595	A-67
Axiom Corp.	EX401A	192 char./sec.	\$549	A-65
	EX 401B	192 char./sec.	\$599	A-65
Digitec	BENCHTOP 6300 SERIES	64 char./sec.	\$1,000	A-60
	DESKTOP 6400 SERIES	42 char./sec.	\$400	A-60
	PANEL PRINTER 6500 SERIES	42 char./sec.	\$475	A-60

Ink-Jet Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Anderson Jacobson, Inc.	AJ 650	123 line/min.	N/A	A-58
Docutel Olivetti Corp.	JP 101	50 line/min.	\$495	A-58
Ope Printers, Inc.	JP-101 (PR2300)	50 line/min.	\$495	A-60

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Franchise Mailing Systems	DOMINO UNJET	1,523 char./sec	\$15,000	A-62
AB Dick Co.	VIDEO JET PRINTER 9400 SERIES	1,375 char./sec	\$50,000	A-61
World Storage Technology, Ltd.	2712	270 char./sec	\$2,700	A-76
Nixdorf Computer Corp.	8287-50B	210 char./sec	N/A	A-73
Telex Computer Products, Inc.	TELEX 287C	150 char./sec	\$5,340	A-75
	PT 88	150 char./sec	\$5,150	A-76
	TELEX 287D	150 char./sec	\$5,340	A-75
World Storage Technology, Ltd.	TELEX 281B	120 char./sec	\$900	A-75
Telex Computer Products, Inc.	JM 241	117 char./sec	N/A	A-72
Konishiroku Photo Industry Co., Ltd	TC1040	100 char./sec	\$5,495	A-84
Printacolor Corp.	965	90 char./sec	\$4,400	A-80
Exxon Enterprises	965S	90 char./sec	\$6,000	A-81
	GP 1024	60 char./sec	\$5,495	A-84
Printacolor Corp.	A 1210	40 char./sec	\$795	A-78
Canon U.S.A., Inc.	IS8001	40 char./sec	\$4,495	A-84
Printacolor Corp.	PRINTACOLOR PG-1000	40 char./sec	\$4,995	A-84
	CGP220	37 char./sec	\$699	A-86
Tandy Corp.	COLOR INK JET PRINTER	20 char./sec	\$1,300	A-79
Diablo Systems, Inc.	VIDEO JET PRINTER 9100 SERIES	N/A	\$5,000	A-88
AB Dick Co.	ACT II	N/A	\$6,400	A-88
Advanced Color Technology, Inc.				

Laser Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Sperry Corp.	0777-87 ON-LINE PRINTER	21,000 line/min.	\$315,000	A-50
World Storage Technology, Ltd.	ND2	21,000 line/min.	\$31,000	A-50
	ND3	10,500 line/min.	\$19,000	A-50
Xerox Corp.	8700 ELECTRONIC PRINTING SYSTEM	9,240 line/min.	\$250,000	A-90
Hewlett-Packard Co.	HP 2680A LASER PRINTER	2,970 line/min.	\$93,000	A-48
General Optonics Corp.	HOLLOSCAN 28 LASER GRAPHIC PRTR	2,000 line/min.	N/A	A-48
Konishiroku Photo Industry Co., Ltd	1800C	1,700 line/min.	N/A	A-48
	2800C	1,700 line/min.	\$9,000	A-48
Minolta Corp.	SP50B	1,300 line/min.	\$20,000	A-48
Fujitsu America, Inc.	M3071A PRINTER MODULE	20 line/min.	N/A	A-58
Ricoh of America	RICOH LP 212	12 char./sec.	N/A	A-85
IBM	3800	N/A	\$315,000	A-90
Imtek	PPT-10	N/A	\$30,000	A-90
Xerox Corp.	5700 ELECTRONIC PRINTING SYSTEM	N/A	\$100,000	A-90

Thermal Matrix Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Miltope Corp.	TP3000 SERIES THERMAL LINE PRINTER	300 line/min	\$16,000	A-58
Datametrics, Inc.	DMC 1600	240 line/min	\$20,000	A-55
NCR Corp.	NCR 6425	240 line/min	\$2,800	A-56
Rockwell International Corp.	A65/40-0600 GRAPHICS PRINTER	240 line/min	\$300	A-57
John Fluke Mfg. Co., Inc.	2020A UNIVERSAL PRINTER	180 line/min	\$1,200	A-59
Miltope Corp.	TP2000 THERMAL LINE PRINTER	160 line/min	\$7,000	A-60
Telpar, Inc.	PL 20C	150 line/min	\$395	A-60
	PL 12E	130 line/min	\$297	A-60
	PL 20E	130 line/min	\$297	A-60
	PL 20CX	120 line/min	\$395	A-60
	PL 20EX	120 line/min	\$297	A-60
	PL 20RM	120 line/min	\$575	A-60
Memodyne Corp.	MAP-PAC	110 line/min	N/A	A-59
	MAP-PBC	110 line/min	\$625	A-59
	MAP-SBC	110 line/min	N/A	A-59
	MAP-20 IAC	110 line/min	\$875	A-59
	MAP-20 IEC	110 line/min	\$875	A-59
	MAP-20 SAC	110 line/min	N/A	A-59
	MAP-20 SEC	110 line/min	N/A	A-59
Intersil, Inc.	APP-20A21/D21/E21/J21/V21 SERIES	72 line/min	\$725	A-59
	APP-48A/D/E/J2 SERIES	72 line/min	\$1,095	A-59
	APP-48A/E1/J1/D1 SERIES	72 line/min	\$1,095	A-59
	APP-48A/E3/J3/D3 SERIES	72 line/min	\$1,095	A-59

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Intersil, Inc.	APP-20A3/E3/J3/D3/V3 SERIES	66 line/min	\$795	A-59
	APP-M20 SERIES	63 line/min	\$675	A-59
	APP-20A1/D1/E1/J1/V1 SERIES	63 line/min	\$625	A-59
Product Development Services, Inc.	EKG PRINTER	200 char./sec	N/A	A-74
Alphacom, Inc.	ALPHACOM 40	160 char./sec	\$295	A-64
Hewlett-Packard Co.	HP 2671G	120 char./sec	\$1,240	A-70
	HP 2673A	120 char./sec	\$1,240	A-70
Texas Instruments, Inc.	SILENT 700/781RO	120 char./sec	\$1,395	A-76
Memodyne Corp.	MAP-IBC	110 char./sec	\$875	A-72
Perkin-Elmer Corp.	655	100 char./sec	\$1,460	A-84
Alphacom, Inc.	ALPHACOM 42	80 char./sec	\$220	A-77
	VP42	80 char./sec	\$210	A-77
Mitsubishi Electronics America, Inc.	M4234 COLOR PRINTER	45 char./sec	\$1,050	A-82
American Communications Corp.	AMCONIP	40 char./sec	\$600	A-77
Apple Computer, Inc.	APPLE SILENTTYPE II PRINTER	40 char./sec	\$350	A-77
	APPLE SILENTTYPE III PRINTER	40 char./sec	\$390	A-77
3M	TRENDCOM MODEL 150	40 char./sec	\$259	A-88
	TRENDCOM MODEL 151	40 char./sec	\$249	A-88
	TRENDCOM MODEL 250	40 char./sec	\$299	A-88
	TRENDCOM MODEL 251	40 char./sec	\$289	A-88
Tandy Corp.	TP10	30 char./sec	\$100	A-86
Texas Instruments, Inc.	SILENT 700/743RO	30 char./sec	\$895	A-86
Sony Communications Products Co.	SONY COMPACT PRINTER	15 char./sec	\$280	A-86
Newport Electronics, Inc.	ELECTRONIC 820	2 char./sec	\$649	A-83
	ELECTRONIC 821	2 char./sec	\$649	A-83
	ELECTRONIC 822	2 char./sec	\$649	A-83
Diablo Systems, Inc.	EPM 200	N/A	\$5,000	A-90
Hewlett-Packard Co.	HP 2671A	N/A	\$1,240	A-89
Memodyne Corp.	MAP-PEC	N/A	N/A	A-89
Product Development Services, Inc.	BOWLING PRINTER	N/A	\$180	A-89

Thimble Printers

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
General Business Technology, Inc.	5205WP	55 char./sec	\$4,295	A-81
Interface Systems, Inc.	MODEL 736	55 char./sec	\$5,150	A-82
NEC Information Systems	SPINWRITER 7700D	55 char./sec	\$2,535	A-83
	SPINWRITER 7700Q	55 char./sec	\$2,535	A-83
	SPINWRITER MODEL 7710	55 char./sec	\$3,055	A-83
	SPINWRITER 7715	55 char./sec	\$2,500	A-83
	SPINWRITER 7730	55 char./sec	\$3,055	A-83
Vector Graphic, Inc.	7700	55 char./sec	\$3,450	A-88
General Business Technology, Inc.	5206WP	35 char./sec	N/A	A-81
Vector Graphic, Inc.	3500	33 char./sec	\$2,695	A-88
NEC Information Systems	SPINWRITER 3500 SERIES	30 char./sec	\$1,750	A-83
	MODEL 2000R TERMINAL	20 char./sec	\$995	A-82

Printers Which Use Other Technologies

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Sperry Corp.	0777 LASER PRINTING SYSTEM	21,000 line/min.	\$415,000	A-90
Xerox Corp.	XEROX 9700 ELECTRONIC PRINTING SYS	18,000 line/min.	\$400,000	A-90
Southern Systems, Inc.	MERCURIION 1	5,280 line/min.	\$59,950	A-90
Harris Corp.	HARRIS 4760	1,000 line/min.	\$12,000	A-51
Decision Data Computer Corp.	6703 MATRIX LINE PRINTER	300 line/min	\$6,200	A-55
Mannesmann Tally Corp.	MT 3300	300 line/min	\$4,995	A-56
Intersil, Inc.	DPP-Q7 MINI DIGITAL PANEL PRINTER	240 line/min	\$575	A-55
Ope Printers, Inc.	JP101	50 line/min	\$400	A-60
Florida Data Corp.	OSP 125	600 char./sec.	\$4,100	A-61
IBM	4975 2L	160 char./sec.	\$4,175	A-70
Nixdorf Computer Corp.	8353	150 char./sec	\$5,000	A-73
Triformation Systems, Inc.	LED-120	120 char./sec	\$14,500	A-76
Nixdorf Computer Corp.	835	100 char./sec	\$3,990	A-83
	8341L	80 char./sec	\$1,700	A-83
Honeywell, Inc.	PRU 7004/7006	55 char./sec	N/A	A-81

Printer Index

VENDOR	MODEL	PRINT SPEED	PRICE	PAGE
Interface Systems, Inc.	MODEL 736	55 char./sec.	\$5,150	A-82
Transtar	TRANSTAR 315	50 char./sec.	\$599	A-88
Atari, Inc.	1027	20 char./sec.	\$350	A-77
Tandy Corp.	CGP115	12 char./sec.	\$200	A-86
Atari, Inc.	1020 COLOR PRINTER	10 char./sec.	\$299	A-77
General Business Technology, Inc.	6600XP	N/A	\$26,000	A-80
Harris Corp.	HARRIS 4240/4250	N/A	\$30,000	A-89
Renaissance Marketing, Inc.	RENAISSANCE PAGE PRINTING	N/A	\$70,000	A-90
Xerox Corp.	XEROX 2700 DISTRIBUTED PRINTER	N/A	\$19,000	A-90

Print Speeds Over 1,200 line/min

BDS CORP.

B1500

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,500 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-4)

BDS CORP.

B2000

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Distribution Method: End user
Date First Installed: 1979

BURROUGHS CORP.

B9246-12-13

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,250 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebdic
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$42,500
Distribution Method: End user
(See Vendor Profile Page V-5)

BURROUGHS CORP.

B9246-20

Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 48
Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebdic
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$69,800
Distribution Method: End user

CENTRONICS DATA COMPUTER CORP.

CENTRONICS 9370 FASTRAIN SERIES

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,000 line/min

Maximum Characters Per Line: 136
Optional Character Set Sizes: 48
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$40,000
Distribution Method: OEM
Number Installed to Date: 5,500
Date First Installed: 1973
(See Vendor Profile Page V-6)

CENTRONICS DATA COMPUTER CORP.

E-SERIES MODEL II

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,440 line/min
Maximum Characters Per Line: 136
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96, 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$13,740
Distribution Method: OEM

CENTRONICS DATA COMPUTER CORP.

E-SERIES MODEL III

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,400 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Maximum Form Width: 16 in.
Price: \$17,550
Distribution Method: OEM

CYNTHIA PERIPHERAL CORP.

MP-6090

Print Mechanism: Nonimpact
Print Technique: Drum
Maximum Print Speed: 6,000 line/min
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii, Ebdic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$75,000
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: February 1984
(See Vendor Profile Page V-10)

CYNTHIA PERIPHERAL CORP.

PR-54

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,530 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Continuous
Price: \$18,000
Distribution Method: OEM

Number Installed to Date: 1,000 - 5,000
Date First Installed: July 1982

DATA PRINTER CORP.

BT 1500

Print Mechanism: Impact
Print Technique: Band Train
Maximum Print Speed: 1,500 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 48
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 20 in.
(See Vendor Profile Page V-11)

DATAPRODUCTS CORP.

BP-1500

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,500 line/min
Maximum Characters Per Line: 132, 136
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 18 1/4 in.
Price: \$23,000
Distribution Method: OEM, Third-party
Date First Installed: 1980
(See Vendor Profile Page V-11)

DATAPRODUCTS CORP.

BP-2000

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132, 136
Standard Character Set Size: 48
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 18 1/4 in.
Price: \$32,000
Distribution Method: OEM, Third-party
Date First Installed: 1982

DECISION DATA COMPUTER CORP.

MODEL 6814

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,400 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96, 61
Character Code: Ascii, Ebdic
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Price: \$23,000
Distribution Method: End user
Number Installed to Date: 600
Date First Installed: June 1982
(See Vendor Profile Page V-12)

DOCUMENTATION

1500 SERIES, MODEL 1500

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,500 line/min
Maximum Characters Per Line: 132
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$37,000
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1979
(See Vendor Profile Page V-13)

DOCUMENTATION

3000 SERIES, MODEL 1800

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,800 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: Unlimited
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$68,000
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1976

DOCUMENTATION

3000 SERIES, MODEL 2250

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,250 line/min
Maximum Characters Per Line: 132
Maximum Characters Per Line: 132
Optional Character Set Sizes: Unlimited
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$90,000
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1976

DOCUMENTATION

3000 SERIES, MODEL 2600

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: Unlimited
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$87,000
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1976

DOCUMENTATION

3000 SERIES, MODEL 3000

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 3,000 line/min

Maximum Characters Per Line: 132
Optional Character Set Sizes: Unlimited
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$94,000
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: September 1976

GENERAL BUSINESS TECHNOLOGY, INC.
324 OLP
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,440 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$25,000
Distribution Method: Third-party
Date First Installed: September 1982
(See Vendor Profile Page V-15)

GENERAL OPTRONICS CORP.
HOLLOSCAN 28 LASER GRAPHIC PRTR
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132
Character Code: Ascii, G
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 11 in.
Number Installed to Date: Under 100
Date First Installed: October 1982
(See Vendor Profile Page V-15)

HEWLETT-PACKARD CO.
HP 2680A LASER PRINTER
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 2,970 line/min
Maximum Characters Per Line: 255
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Graphics Functions Supported: Full Bit Map Graphics
Price: \$93,000
Distribution Method: End user
Date First Installed: May 1981
(See Vendor Profile Page V-17)

HONEYWELL, INC.
PRU 1600
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 1,600 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 96, 63, 94
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 22 in.

HOUSTON INSTRUMENTS
MODEL 8210
Print Mechanism: Nonimpact
Print Technique: Electrostatic
Carbon Deposit
Maximum Print Speed: 2,400 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Forms Type Accepted: Fan fold, Roll
Price: \$3,995
Distribution Method: End user
Date First Installed: 1973
(See Vendor Profile Page V-17)

HOUSTON INSTRUMENTS
MODEL 8230
Print Mechanism: Nonimpact
Print Technique: Electrostatic
Carbon Deposit
Maximum Print Speed: 1,400 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Forms Type Accepted: Fan fold, Roll
Colors Supported: 1
Price: \$3,995
Distribution Method: End user
Date First Installed: September 1973

IBM
3211
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 48
Optional Character Set Sizes: 64, 96, 128
Character Code: Ebcidic
Communications Port: Parallel
Form Feed Method: Pin Feed
Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$69,365
Distribution Method: End user
Date First Installed: October 1971
(See Vendor Profile Page V-17)

IBM
4245
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 48
Optional Character Set Sizes: 63, 94, 124
Character Code: Ebcidic
Communications Port: Parallel
Form Feed Method: Pin Feed
Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 22 in.
Price: \$63,500
Distribution Method: End user
Date First Installed: July 1983

KONISHIROKU PHOTO INDUSTRY CO., LTD.
1800C
Print Mechanism: Nonimpact
Print Technique: Laser

Maximum Print Speed: 1,700 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Date First Installed: June 1983
(See Vendor Profile Page V-21)

KONISHIROKU PHOTO INDUSTRY CO., LTD.
2890C
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 1,700 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Price: \$9,000
Distribution Method: OEM
Date First Installed: June 1983

MINOLTA CORP.
SP50B
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 1,300 line/min
Maximum Characters Per Line: 210
Optional Character Set Sizes: 126, 254
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Vector, Raster, Character Graphics
Price: \$20,000
Distribution Method: OEM
Date First Installed: June 1983
(See Vendor Profile Page V-24)

NCR CORP.
NCR 647
Print Technique: Chain/Train
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96, 52, 57, Custom
Character Code: Ebcidic
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 21 in.
Price: \$71,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1974
(See Vendor Profile Page V-26)

NCR CORP.
NCR 6420-0801
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,440 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii

Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$36,000
Distribution Method: End user
Date First Installed: 1979

NISSEI SANGYO AMERICA, LTD.
FP1250
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,250 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$15,000
Distribution Method: OEM
Date First Installed: 1981
(See Vendor Profile Page V-26)

NISSEI SANGYO AMERICA, LTD.
FP2000
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Distribution Method: OEM
Date First Installed: 1983

RENAISSANCE MARKETING, INC.
RENAISSANCE LP7000
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 1,500 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Form Feed Method: Pin Feed
Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$21,000
Distribution Method: End user, Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1974
(See Vendor Profile Page V-31)

SOUTHERN SYSTEMS, INC.
BP 1500
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,500 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$21,000
Date First Installed: January 1983
(See Vendor Profile Page V-32)

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SOUTHERN SYSTEMS, INC.

BP 2002

Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 2,000 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$30,000
Number Installed to Date: Under 100
Date First Installed: January 1983

SPERRY CORP.

0777-87 ON-LINE PRINTER
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 21,000 line/min
Maximum Characters Per Line: 244
Optional Character Set Sizes: 64
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 16 in.
Price: \$315,000
Distribution Method: End user
Number Installed to Date: 100
Date First Installed: 1981

STORAGE TECHNOLOGY CORP.

1500 SERIES
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 1,500 line/min
Maximum Characters Per Line: 150
Optional Character Set Sizes: 48, 64
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Maximum Form Width: 4 in.
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-33)

STORAGE TECHNOLOGY CORP.

UNIVERSAL 1000
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96, Switch Selectable
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$13,775
Distribution Method: OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1980

WORLD STORAGE TECHNOLOGY, LTD.

ND2
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 21,000

line/min
Maximum Characters Per Line: 204
Optional Character Set Sizes: Over 250 Available
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 14 in.
Price: \$31,000
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-39)

WORLD STORAGE TECHNOLOGY, LTD.

ND3
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 10,500 line/min
Maximum Characters Per Line: 204
Optional Character Set Sizes: Over 250 Available
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 14 in.
Price: \$19,000
Date First Installed: March 1983

801- to 1,200 Line/Min Print Speeds

BDS CORP.

B1000
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-4)

BRAEGER CORP.

3128
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 14 in.
Distribution Method: End user
Date First Installed: February 1975
(See Vendor Profile Page V-5)

BRAEGER CORP.

8571
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 132

Optional Character Set Sizes: 64, 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold

CENTRONICS DATA COMPUTER CORP.

E-SERIES MODEL 1
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,130 line/min
Maximum Characters Per Line: 136
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96, 128
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$12,550
Distribution Method: OEM
(See Vendor Profile Page V-00)

DATAPoint CORP.

9265
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 900 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$29,750
(See Vendor Profile Page V-11)

DATA PRINTER CORP.

3101
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 18 in.
(See Vendor Profile Page V-11)

DATA PRINTER CORP.

3121
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 18 in.
Distribution Method: End user

DATAPRODUCTS CORP.

B-1000
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 136

Optional Character Set Sizes: 48, 64, 96
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$12,800
(See Vendor Profile Page V-11)

DECISION DATA COMPUTER CORP.

MODEL 6610
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebcidic
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$22,000
Distribution Method: End user
(See Vendor Profile Page V-12)

DECISION DATA COMPUTER CORP.

MODEL 6811
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,100 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96, 61
Character Code: Ascii, Ebcidic
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Price: \$17,000
Distribution Method: End user

DOCUMENTATION

1500 SERIES, MODEL 1230
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 132
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$33,000
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1979
(See Vendor Profile Page V-13)

GENERAL BUSINESS TECHNOLOGY, INC.

323 OLP
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,130 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$20,800
Date First Installed: 1982
(See Vendor Profile Page V-15)

HARRIS CORP.

HARRIS 4260/4270
Print Mechanism: Impact

Print Technique: Chain/Train
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 96
Character Code: Ascii
Maximum Form Width: 20 in.
Price: \$40,000
Distribution Method: End user
(See Vendor Profile Page V-16)

HARRIS CORP.
HARRIS 4780
Print Mechanism: Nonimpact
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Maximum Form Width: 11 in.
Price: \$12,000
Distribution Method: End user

HETRA COMPUTER & COMMUNICATIONS INC., INC.
MODEL 3100 MEDIUM SPEED BAND PRTR
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 900 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 64, 96, 120
Character Code: Ascii, Ebcidic, F
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 18 in.
Price: \$14,000
Distribution Method: End user
Number Installed to Date: 50
Date First Installed: 1981
(See Vendor Profile Page V-16)

HETRA COMPUTER & COMMUNICATIONS INC., INC.
MODEL 3300 HIGH SPEED IMPACT PRTR
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 96, 128
Character Code: Ascii, Ebcidic, TN
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 19 in.
Price: \$22,000
Distribution Method: End user
Number Installed to Date: 500
Date First Installed: 1978

HONEYWELL, INC.
PRU 0901
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 900 line/min
Maximum Characters Per Line: 136
Standard Character Set Size: 96
Optional Character Set Sizes: 136
Character Code: Ascii, OCR-A
Maximum Form Width: 19 in.
(See Vendor Profile Page V-17)

HONEYWELL, INC.
PRU 0906
Print Mechanism: Impact

Print Technique: Belt
Maximum Print Speed: 900 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 63, 94
Character Code: Ascii, OCR-A
Maximum Form Width: 19 in.

HONEYWELL, INC.
PRU 1201
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 64, 96
Character Code: Ascii, OCR-A
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.

HONEYWELL, INC.
PRU 1205
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 63, 94
Character Code: Ascii, OCR-A
Maximum Form Width: 19 in.

HONEYWELL, INC.
PRU 9119/9619
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 900 line/min
Maximum Characters Per Line: 136
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96, Custom
Character Code: Ascii, Ebcidic, Custom
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$26,000
Distribution Method: End user

HONEYWELL, INC.
PRU 9120/9620
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 136
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96, Custom
Character Code: Ascii, Ebcidic, Custom
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 19 in.
Price: \$33,000
Distribution Method: End user
Date First Installed: June 1983

HOUSTON INSTRUMENTS
MODEL 8220
Print Mechanism: Nonimpact
Print Technique: Electrostatic Carbon Deposit
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Forms Type Accepted: Fan fold, Roll

Colors Supported: 1
Price: \$3,995
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-17)

IBM
3203-5
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 48
Optional Character Set Sizes: 64, 96, 128
Character Code: Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor, Pin, Pin Feed Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 20 in.
Price: \$33,875
Distribution Method: End user
Date First Installed: April 1979
(See Vendor Profile Page V-17)

NCR CORP.
NCR 645
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96, 52, 57, Custom
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 21 in.
Price: \$58,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-26)

NCR CORP.
NCR 6420-2301
Print Technique: Band
Maximum Print Speed: 1,130 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$24,000
Distribution Method: End user
Date First Installed: 1979

NIXDORF COMPUTER CORP.
549
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 900 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$24,500
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1983
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.
8203-12
Print Mechanism: Impact

Print Technique: Band
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$26,500
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1981

SOUTHERN SYSTEMS, INC.
S-1300
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$14,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1978
(See Vendor Profile Page V-32)

SOUTHERN SYSTEMS, INC.
QT 1000
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$14,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: April 1981

SOUTHERN SYSTEMS, INC.
QT 1200
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 1,200 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$18,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: April 1981

VERSATEC, INC.
V80
Print Mechanism: Nonimpact

Print Technique: Electrostatic
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96, 128, 256
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 11 in.
Graphics Functions Supported: Plots (200 Dots)
Colors Supported: 1
Price: \$8,950
Distribution Method: End user, OEM
Number Installed to Date: 10,000 - 50,000
Date First Installed: January 1980
(See Vendor Profile Page V-38)

VERSATEC, INC.
VERSATEC V-80
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 1,000 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 256
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Roll
Graphics Functions Supported: Arc, Three Dimensional, Curves, Charts, Pattern
Price: \$9,950
Distribution Method: End user

401- to 800 Line/Min Print Speeds

BDS CORP.
B800
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 800 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-4)

BENSON, INC.
9322 ELECTROSTATIC
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 560 line/min
Maximum Characters Per Line: 264
Optional Character Set Sizes: 123
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 22 in.
Graphics Functions Supported: Point Addressable
Colors Supported: 1
Distribution Method: End user, OEM, Third-party
(See Vendor Profile Page V-5)

BENSON, INC.
9424 ELECTROSTATIC
Print Technique: Electrosensitive
Maximum Print Speed: 475 line/min
Optional Character Set Sizes: 123
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 24 in.
Graphics Functions Supported: Point Addressable
Colors Supported: 1
Distribution Method: End user

BRAEKEN CORP.
3127
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 14 in.
Distribution Method: End user
Date First Installed: February 1975
(See Vendor Profile Page V-5)

BURROUGHS CORP.
B9246-6
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 650 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$14,700
Distribution Method: End user
(See Vendor Profile Page V-5)

CENTRONICS DATA
COMPUTER CORP.
LINEWRITER 400
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 500 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 64, 96, 128, 192
Character Code: Ascii, Ebcidic, C
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$4,500
Distribution Method: OEM
(See Vendor Profile Page V-6)

CENTRONICS DATA
COMPUTER CORP.
MODEL 6081
Print Mechanism: Impact
Print Technique: Serial
Maximum Print Speed: 750 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold

Maximum Form Width: 19 in.
Price: \$7,120
Distribution Method: OEM

CENTRONICS DATA
COMPUTER CORP.
MODEL 8065
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 750 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Maximum Form Width: 17 in.
Price: \$7,120

DATA CARD CORP.
CFO SYSTEM 10
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 800 line/min
Maximum Characters Per Line: 104
Optional Character Set Sizes: Custom
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 23 in.
Price: \$85,000
Distribution Method: End user
Number Installed to Date: 50
Date First Installed: January 1982
(See Vendor Profile Page V-10)

DATA CARD CORP.
CFO SYSTEM 20
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 800 line/min
Maximum Characters Per Line: 120
Optional Character Set Sizes: Custom
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 23 in.
Price: \$10,000
Distribution Method: End user
Number Installed to Date: 50
Date First Installed: January 1982

DATA CARD CORP.
CFO SYSTEM 30
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 800 line/min
Maximum Characters Per Line: 144
Optional Character Set Sizes: Custom
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 23 in.
Price: \$15,000
Distribution Method: End user
Number Installed to Date: 50
Date First Installed: January 1982

DATA CARD CORP.
CFO SYSTEM 40
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 800 line/min

Maximum Characters Per Line: 144
Optional Character Set Sizes: Custom
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 23 in.
Price: \$13,000
Distribution Method: End user
Number Installed to Date: 50
Date First Installed: January 1982

DATA CARD CORP.
CFO SYSTEM 50
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 800 line/min
Maximum Characters Per Line: 176
Optional Character Set Sizes: Custom
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 23 in.
Price: \$15,000
Distribution Method: End user
Number Installed to Date: 50
Date First Installed: January 1982

DATAPOINT CORP.
9258
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$14,500
Date First Installed: May 1981

DATA POINT CORP.
1260
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 20 in.
Distribution Method: End user
(See Vendor Profile Page V-11)

DATA PRINTER CORP.
3601
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 18 in.
Distribution Method: End user

DATA PRINTER CORP.

3751
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 750 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 18 in.
Distribution Method: End user

DATAPRODUCTS CORP.

B-600
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 136
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$8,642
Distribution Method: OEM, Third-party
Date First Installed: 1970
(See Vendor Profile Page V-11)

DECISION DATA COMPUTER CORP.

MODEL 6665
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 650 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebcidic
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$17,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1979
(See Vendor Profile Page V-12)

DECISION DATA COMPUTER CORP.

MODEL 6680
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 800 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebcidic
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$19,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1979

DECISION DATA COMPUTER CORP.

MODEL 6807
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 700 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96, 61

Character Code: Ascii, Ebcidic
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Price: \$12,100
Distribution Method: End user

GENERAL BUSINESS TECHNOLOGY, INC.

322 OLP
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 720 line/min
Maximum Characters Per Line: 198
Optional Character Set Sizes: 48, 64, 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$13,600
Distribution Method: End user, Third-party
Date First Installed: 1982
(See Vendor Profile Page V-15)

GENERAL ELECTRIC CO.

GE 340
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 545 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$4,835
Distribution Method: OEM
Date First Installed: February 1976
(See Vendor Profile Page V-15)

HARRIS CORP.

HARRIS 4330/4335
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 65
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Price: \$15,000
Distribution Method: End user
(See Vendor Profile Page V-16)

HEWLETT-PACKARD CO.

HP 2611A CHAIN TRAIN LINE PRINTER
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$18,560
Distribution Method: End user
Date First Installed: September 1982
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

HP 2615A CHAIN TRAIN LINE PRINTER
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132

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(305) 624-1644
Telex: 807121

Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$26,370

HONEYWELL, INC.

PRU 0615
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 136
Standard Character Set Size: 63
Optional Character Set Sizes: 94
Maximum Form Width: 15 in.
(See Vendor Profile Page V-17)

HONEYWELL, INC.

PRU 9126/9127
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 96
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.

HONEYWELL, INC.

PRU 9626/9627
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132

Standard Character Set Size: 64
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.

IBM

3262
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 650 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 48
Optional Character Set Sizes: 64, 96, 128
Character Code: Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Pin Feed
Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$15,040
Distribution Method: End user
Date First Installed: August 1979
(See Vendor Profile Page V-17)

IBM

5225-3
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 490 line/min
Maximum Characters Per Line: 198
Standard Character Set Size: 96
Optional Character Set Sizes: 184
Character Code: Ebcidic

Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Graphics Functions Supported:
Characters
Price: \$15,495
Distribution Method: End user
Date First Installed: October 1980

IBM

5225-4
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 560 line/min
Maximum Characters Per Line: 198
Standard Character Set Size: 96
Optional Character Set Sizes: 184
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Price: \$16,940
Distribution Method: End user
Date First Installed: October 1980

MANNESMANN TALLY CORP.

MT 660
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 4
Price: \$7,995
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: January 1983
(See Vendor Profile Page V-22)

NCR CORP.

NCR 6420-3202
Print Technique: Band
Maximum Print Speed: 720 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii
Maximum Form Width: 17 in.
Price: \$16,800
Date First Installed: 1979
(See Vendor Profile Page V-26)

NISSEI SANGYO AMERICA, LTD.

AD66
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$7,000
Distribution Method: OEM
Date First Installed: 1983
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.

548
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132

Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$15,300
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1982
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.

8363
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$15,300
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1978

NIXDORF COMPUTER CORP.

8203-04
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$15,300
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1981

NIXDORF COMPUTER CORP.

8336
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 96
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$15,300
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1979

PERKIN-ELMER CORP.

LP600
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Price: \$13,000
Distribution Method: End user
(See Vendor Profile Page V-28)

PRINTRONIX, INC.

P600
Print Mechanism: Impact
Print Technique: Daisywheel

Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96, 128, 32
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Bar Code Labeling, Three Dimensional
Price: \$7,700
Distribution Method: OEM, Third-party
Number Installed to Date: 10,000 - 50,000
(See Vendor Profile Page V-29)

SOUTHERN SYSTEMS, INC.

B-600
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$9,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1978
(See Vendor Profile Page V-32)

SOUTHERN SYSTEMS, INC.

QT 600
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 600 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$11,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: April 1981

**201- to 400 Line/Min
Print Speeds****BDS CORP.**

B300
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Distribution Method: End user

Date First Installed: 1979
(See Vendor Profile Page V-4)

BENSON, INC.

9336 ELECTROSTATIC
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 370 line/min
Optional Character Set Sizes: 123
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 36 in.
Graphics Functions Supported: Dot Addressable
Distribution Method: End user
(See Vendor Profile Page V-5)

BENSON, INC.

9344 ELECTROSTATIC
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 230 line/min
Maximum Characters Per Line: 540
Optional Character Set Sizes: 123
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 44 in.
Graphics Functions Supported: Point Addressable
Distribution Method: End user

BENSON, INC.

9436 ELECTROSTATIC
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 238 line/min
Optional Character Set Sizes: 123
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 36 in.
Graphics Functions Supported: Point Addressable
Distribution Method: End user

BRAEGER CORP.

8571
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 400 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Distribution Method: End User
Date First Installed: November 1983
(See Vendor Profile Page V-5)

BURROUGHS CORP.

B9245-375
Print Mechanism: Impact
Print Technique: Chain Train
Maximum Print Speed: 375 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 48, 96
Character Code: Ascii, Ebcidic
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$8,915
Distribution Method: End user
(See Vendor Profile Page V-5)

BUSINESS INFORMATION SYSTEMS, INC.

C-4300
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 132 in.
Price: \$6,000
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1981
(See Vendor Profile Page V-5)

DATAMETRICS, INC.

DWC 1606
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 240 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 9 in.
Graphics Functions Supported: All Types
Price: \$2,000
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: May 1983
(See Vendor Profile Page V-11)

DATAPoint CORP.

9257
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$10,800
Date First Installed: May 1981
(See Vendor Profile Page V-11)

DATAPRODUCTS CORP.

B-300
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132, 136
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$6,800
Distribution Method: OEM, Third-party
Date First Installed: 1978
(See Vendor Profile Page V-11)

DATA SPECIALTIES, INC.

ZEBRA DEMAND PRINTER
Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 263 line/min
Maximum Characters Per Line: 27
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 3 in.
Graphics Functions Supported: Bar Codes
Colors Supported: 1
Price: \$3,470
Distribution Method: OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: September 1982
(See Vendor Profile Page V-11)

DECISION DATA COMPUTER CORP.

5703 MATRIX LINE PRINTER
Print Mechanism: Impact
Print Technique: Dual-head Matrix
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 74
Character Code: Ascii, Ebcidic
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$6,200
Distribution Method: End user
Number Installed to Date: 500
Date First Installed: September 1982
(See Vendor Profile Page V-12)

GENERAL BUSINESS TECHNOLOGY, INC.

321 OLP
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 360 line/min
Maximum Characters Per Line: 198
Optional Character Set Sizes: 48, 64, 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$9,500
Distribution Method: End user, Third-party
Date First Installed: 1982
(See Vendor Profile Page V-15)

GENERAL BUSINESS TECHNOLOGY, INC.

5201FA
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 400 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 9 in.
Price: \$7,200
Distribution Method: Third-party

GENERAL BUSINESS TECHNOLOGY, INC.

5202 LP
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 400 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96

Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$8,000
Date First Installed: 1980

GENERAL ELECTRIC CO.

GE 310
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 340 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$4,170
Distribution Method: OEM
Date First Installed: February 1976
(See Vendor Profile Page V-15)

HARRIS CORP.

HARRIS 4320/4325
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 96
Character Code: Ascii
Maximum Form Width: 16 in.
Price: \$10,000
Distribution Method: End user
(See Vendor Profile Page V-16)

HEWLETT-PACKARD CO.

HP 2608A/2608S DOT MATRIX LINE PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 400 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Graphics Functions Supported: Raster Graphics
Price: \$11,170
Distribution Method: End user
Date First Installed: December 1978
(See Vendor Profile Page V-17)

HONEYWELL, INC.

PRU 7014
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 220 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Form Feed Method: Tractor
(See Vendor Profile Page V-17)

IBM

5224-2
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 240 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Optional Character Set Sizes: 184
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Graphics Functions Supported: Characters
Price: \$7,280

Distribution Method: End user
Date First Installed: July 1982
(See Vendor Profile Page V-17)

IBM

5225-2
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 400 line/min
Maximum Characters Per Line: 198
Standard Character Set Size: 96
Optional Character Set Sizes: 184
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Graphics Functions Supported: Characters
Price: \$13,945
Distribution Method: End user
Date First Installed: October 1980

INNOVATIVE ELECTRONICS, INC.

INNOVATOR 154
Print Technique: Chain/Train
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 90
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Colors Supported: 1
Price: \$4,995
Distribution Method: End user
Date First Installed: June 1978
(See Vendor Profile Page V-19)

INNOVATIVE ELECTRONICS, INC.

INNOVATOR 202
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Colors Supported: 1
Price: \$4,995
Distribution Method: End user
Date First Installed: June 1978

INNOVATIVE ELECTRONICS, INC.

INNOVATOR 250
Print Mechanism: Impact
Print Technique: Chain/Train
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Colors Supported: 1
Price: \$4,995
Date First Installed: June 1978

INTERFIL, INC.

DPP-Q7 MINI DIGITAL PANEL PRINTER
Print Mechanism: Nonimpact
Print Technique: Segment Parallel
Thermal

Maximum Print Speed: 240 line/min
Maximum Characters Per Line: 7
Optional Character Set Sizes: 10
(Numeric only)
Character Code: Ebcidic
Communications Port: Parallel
Form Feed Method: Gear
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$575
Distribution Method: End user, OEM
Number Installed to Date: 5,000 -
10,000
Date First Installed: July 1979
(See Vendor Profile Page V-20)

**ITT COURIER TERMINAL
SYSTEMS, INC.**
2760 SERIES
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 340 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
(See Vendor Profile Page V-20)

MANHESMANN TALLY CORP.
M11 3300
Print Mechanism: Impact
Print Technique: Shuttle
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Price: \$4,995
Distribution Method: OEM, Third-
party
Number Installed to Date: 5,000 -
10,000
Date First Installed: April 1980
(See Vendor Profile Page V-22)

MILTOPE CORP.
HSP 3609-212A HIGH-SPEED LINE
PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 240 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96, 128, Programmable
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Price: \$20,000
Distribution Method: OEM
Date First Installed: 1975
(See Vendor Profile Page V-24)

MILTOPE CORP.
TP3000 SERIES THERMAL LII'E
PRINTER
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Maximum Form Width: 10 in.
Graphics Functions Supported:
Printing

Colors Supported: 1
Price: \$16,000
Distribution Method: OEM
Date First Installed: September
1982

**MOHAWK DATA SCIENCES
CORP.**
2142-1
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 240 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor,
Friction, Pin
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 15 in.
Price: \$8,120
Distribution Method: End user,
OEM, Third-party
(See Vendor Profile Page V-25)

**MOHAWK DATA SCIENCES
CORP.**
2142-2
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 340 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 15 in.
Price: \$11,320
Distribution Method: End user,
OEM, Third-party

**MOHAWK DATA SCIENCES
CORP.**
2145
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor,
Friction, Pin
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Price: \$20,600
Distribution Method: End user,
OEM, Third-party

NCR CORP.
NCR 6420-2101
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 360 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48,
64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$12,000
Distribution Method: End user
Number Installed to Date: 6,420
Date First Installed: September
1976
(See Vendor Profile Page V-26)

NCR CORP.
NCR 6420-2101
Print Technique: Band
Maximum Print Speed: 285 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48,
64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$9,600
Distribution Method: End user
Date First Installed: 1979

NCR CORP.
NCR 6425
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 240 line/min
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll, Fan
Fold
Maximum Form Width: 9 in.
Price: \$2,800
Distribution Method: End user
Number Installed to Date: 500 -
1,000
Date First Installed: June 1981

NCR CORP.
NCR 6430
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 360 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48,
64, 96, 128, Custom Designable
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$9,000
Distribution Method: End user
Date First Installed: March 1983

**NISSEI SANGYO AMERICA,
LTD**
AD30
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$5,400
Distribution Method: OEM
Date First Installed: 1983
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.
543
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$10,900
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: July 1982
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.
6360
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$10,900
Distribution Method: End user
Number Installed to Date: 1,000 -
5,000
Date First Installed: 1978

NIXDORF COMPUTER CORP.
8203-03
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$10,900
Distribution Method: End user
Number Installed to Date: Under
100
Date First Installed: January 1981

NIXDORF COMPUTER CORP.
8289-30
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$10,900
Distribution Method: End user
Number Installed to Date: Under
100
Date First Installed: January 1981

NIXDORF COMPUTER CORP.
8333
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$10,900
Distribution Method: Third-party
Number Installed to Date: Under
100
Date First Installed: June 1982

PERKIN-ELMER CORP.
LP-300
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Price: \$9,000
Distribution Method: End user
(See Vendor Profile Page V-26)

PRINTRONIX, INC.

P300
 Print Mechanism: Impact
 Print Technique: Daisywheel
 Maximum Print Speed: 300 line/min
 Maximum Characters Per Line: 132
 Optional Character Set Sizes: 64, 96, 128, 32
 Character Code: Ascii
 Communications Port: Serial, Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Maximum Form Width: 16 in.
 Graphics Functions Supported: Arcs, Curves, Patterns, Bar Code Labeling, Three Dimensional
 Price: \$5,700
 Distribution Method: OEM, Third-party
 Number Installed to Date: 10,000 - 50,000
 Date First Installed: 1974
 (See Vendor Profile Page V-29)

Q1 CORP.

203
 Print Mechanism: Impact
 Print Technique: Chain/Train
 Maximum Print Speed: 300 line/min
 Maximum Characters Per Line: 132
 Optional Character Set Sizes: 94
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold, Roll
 Price: \$7,600
 Distribution Method: End user, Third-party
 Date First Installed: 1978
 (See Vendor Profile Page V-30)

RACAL-MILGO, INC.

4295
 Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 300 line/min
 Maximum Characters Per Line: 132
 Standard Character Set Size: 96
 Optional Character Set Sizes: 64
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Maximum Form Width: 16 in.
 Price: \$6,333
 Number Installed to Date: 75
 Date First Installed: January 1982
 (See Vendor Profile Page V-30)

ROCKWELL INTERNATIONAL CORP.

A65/40-0600 GRAPHICS PRINTER
 Print Mechanism: Nonimpact
 Print Technique: Thermal Matrix
 Maximum Print Speed: 240 line/min
 Maximum Characters Per Line: 40
 Optional Character Set Sizes: 256
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Friction
 Forms Type Accepted: Roll
 Colors Supported: 2
 Price: \$300
 Distribution Method: OEM, Third-party
 Date First Installed: September 1981
 (See Vendor Profile Page V-31)

SOUTHERN SYSTEMS, INC.

B-300
 Print Mechanism: Impact

Print Technique: Band
 Maximum Print Speed: 300 line/min
 Maximum Characters Per Line: 132
 Standard Character Set Size: 64
 Optional Character Set Sizes: 48, 96
 Character Code: Ascii, Ebcidic
 Communications Port: Serial, Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Maximum Form Width: 16 in.
 Price: \$6,700
 Distribution Method: End user
 Number Installed to Date: 1,000 - 5,000

Date First Installed: September 1978
 (See Vendor Profile Page V-32)

SOUTHERN SYSTEMS, INC.

QT 300
 Print Mechanism: Impact
 Print Technique: Band
 Maximum Print Speed: 300 line/min
 Maximum Characters Per Line: 132
 Standard Character Set Size: 64
 Optional Character Set Sizes: 48, 96
 Character Code: Ascii, Ebcidic
 Communications Port: Serial, Parallel

Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Maximum Form Width: 17 in.
 Price: \$8,000
 Distribution Method: End user

TECHNICAL ANALYSIS CORP.

MACRO GRAFIX L/300-2
 Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 300 line/min
 Maximum Characters Per Line: 132
 Optional Character Set Sizes: 96
 Character Code: Ascii
 Communications Port: Serial, Parallel



IBM 3270 Users:

Better than IBM 5210, the ISI-736 Printer is available now!

Solid Character, Letter Quality

Plug compatible with the 3287 for on-line printing from your IBM system. Optional Twinfeeder automatically feeds letterheads and second sheets selectively from trays under program control. Ideal for IBM CPU-based word processing software. Multiple fonts and separate pitches. Support most languages. Features include: programmable tray selection, underscoring, boldface type, subscripting and super-scripting. And no need to run SNA to use these features!

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 Telephone (313) 769-5900. TWX 810-223-6058

Line Printers

201- to 400 line/min • Under 200 line/min

Form Feed Method: Tractor
Forms Type Accepted: Roll
Maximum Form Width: 14 in.
Graphics Functions Supported: Bar Code
Colors Supported: 1
Distribution Method: End user
Number Installed to Date: 500
Date First Installed: 1978
(See Vendor Profile Page V-34)

TELETYPE CORP.
MODEL 40 PRINTER
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Forms Access
Forms Type Accepted: Fan fold
Price: \$5,133
Distribution Method: OEM
Date First Installed: October 1976
(See Vendor Profile Page V-36)

TELEX COMPUTER PRODUCTS, INC.
TELEX 289C
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 340 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 94
Character Code: Ascii, Ebcidic
Form Feed Method: Pin
Maximum Form Width: 15 in.
Price: \$11,500
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1981
(See Vendor Profile Page V-36)

TRILOG, INC.
C-60
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 220
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Three Dimensional, Charts
Colors Supported: 256
Price: \$11,500
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: 1979
(See Vendor Profile Page V-38)

TRILOG, INC.
C-100
Print Technique: Dot Matrix
Maximum Print Speed: 250 line/min
Maximum Characters Per Line: 220
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Three

Dimensional, Charts
Colors Supported: 256
Price: \$8,200
Distribution Method: OEM, Third-party
Number Installed to Date: 600
Date First Installed: 1979

TRILOG, INC.
T-100
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 250 line/min
Maximum Characters Per Line: 220
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Three Dimensional, Charts
Price: \$8,200
Distribution Method: OEM, Third-party
Number Installed to Date: 600
Date First Installed: 1978

TRILOG, INC.
T-1100A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 250 line/min
Maximum Characters Per Line: 220
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Three Dimensional, Charts
Price: \$9,050
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: September 1978

WEBER MARKING SYSTEMS
LEGITRONICS 1560
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 198
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Maximum Form Width: 15 in.
Price: \$15,000
Number Installed to Date: 100 - 500
Date First Installed: September 1982
(See Vendor Profile Page V-39)

WEBER MARKING SYSTEMS
LEGITRONICS 2060
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 198
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Maximum Form Width: 15 in.
Price: \$19,800
Number Installed to Date: 100 - 500
Date First Installed: February 1982

Print Speeds Under 200 Line/Min

ANDERSON JACOBSON, INC.
AJ 650
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 123 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Distribution Method: End user
(See Vendor Profile Page V-3)

AXIOM CORP.
EX-801 MICRO PRINTER
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 120 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96, 256
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$640
Distribution Method: End user, OEM, Third-party
Date First Installed: 1977
(See Vendor Profile Page V-4)

CAPITOL CIRCUITS CORP.
SERIES S400L
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 72 line/min
Maximum Characters Per Line: 40
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Sprocket
Forms Type Accepted: Fan fold, Roll
Price: \$795
Distribution Method: End user, OEM
Date First Installed: June 1983
(See Vendor Profile Page V-6)

DATAMETRICS CORP.
DMC-4680
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 160 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 5 in.
Graphics Functions Supported: Charts, Patterns
Price: \$9,000
Distribution Method: End user, OEM
Date First Installed: January 1982
(See Vendor Profile Page V-11)

DI/AN CONTROLS, INC.
8100
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 20 line/min
Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 5 in.
Price: \$3,500
Distribution Method: End user, OEM
Date First Installed: 1973
(See Vendor Profile Page V-12)

DI/AN CONTROLS, INC.
8379
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 20 line/min
Optional Character Set Sizes: Variable
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 3 in.
Price: \$4,500
Distribution Method: End user, OEM
Date First Installed: 1968

DI/AN CONTROLS, INC.
8500
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 20 line/min
Optional Character Set Sizes: Variable
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 4 in.
Price: \$6,000
Date First Installed: 1972

DI/AN CONTROLS, INC.
8510
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 20 line/min
Optional Character Set Sizes: Variable
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 5 in.
Price: \$7,000
Distribution Method: End user, OEM
Date First Installed: 1979

DOCUTEL OLIVETTI CORP.
JP 101
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 50 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Graphics Functions Supported: Arcs, Curves, Charts, Patterns
Price: \$495
Distribution Method: OEM, Third-party
Date First Installed: June 1983
(See Vendor Profile Page V-13)

FUJITSU AMERICA, INC.
M3071A PRINTER MODULE
Print Mechanism: Nonimpact

Print Technique: Laser
Maximum Print Speed: 20 line/min
Communications Port: Serial
Form Feed Method: Cut Sheet
Forms Type Accepted: Cut sheet
Graphics Functions Supported:
Plotting
Distribution Method: OEM, Third-party
Date First Installed: November 1983
(See Vendor Profile Page V-15)

IBM

5224-1
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 140 line/min
Maximum Characters Per Line: 198
Standard Character Set Size: 96
Optional Character Set Sizes: 128, 184
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Graphics Functions Supported:
Characters
Price: \$6,395
Distribution Method: End user
Date First Installed: July 1982
(See Vendor Profile Page V-17)

IBM

5225-1
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 line/min
Maximum Characters Per Line: 198
Standard Character Set Size: 96
Optional Character Set Sizes: 184
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 18 in.
Graphics Functions Supported:
Characters
Price: \$12,075
Distribution Method: End user
Date First Installed: October 1980

IDEOGRAPHIX, INC.

IPX MODEL 3000
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$11,000
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: 1976
(See Vendor Profile Page V-17)

INTERFIL, INC.

APP-M20 SERIES
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 63 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Gear
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$675
Distribution Method: OEM

Number Installed to Date: Under 100
Date First Installed: April 1983
(See Vendor Profile Page V-20)

INTERFIL, INC.

APP-20A1/D1/E1/J1/V1 SERIES
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 63 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Gear
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$625
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1981

INTERFIL, INC.

APP-20A21/D21/E21/J21/V21 SERIES
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 72 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Gear
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$725
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: October 1982

INTERFIL, INC.

APP-20A3/E3/J3/D3/V3 SERIES
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 66 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Gear
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$795
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: September 1982

INTERFIL, INC.

APP-48A/D/E/J2 SERIES
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 72 line/min
Maximum Characters Per Line: 48
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Gear
Forms Type Accepted: Roll
Maximum Form Width: 5 in.
Price: \$1,095
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: July 1982

INTERFIL, INC.

APP-48A/E1/J1/D1 SERIES
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 72 line/min
Maximum Characters Per Line: 48

Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Gear
Forms Type Accepted: Roll
Maximum Form Width: 5 in.
Price: \$1,095
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: June 1982

INTERFIL, INC.

APP-48A3/E3/J3/D3 SERIES
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 72 line/min
Maximum Characters Per Line: 48
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Gear
Forms Type Accepted: Roll
Maximum Form Width: 5 in.
Price: \$1,095
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: July 1982

JOHN FLUKE MFG. CO., INC.

2020A UNIVERSAL PRINTER
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 180 line/min
Maximum Characters Per Line: 20
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction, Belt Drive
Graphics Functions Supported: Plot Mode
Price: \$1,200
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1979
(See Vendor Profile Page V-21)

MEGATEK CORP.

HCU-T
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Distribution Method: End user
Date First Installed: 1980
(See Vendor Profile Page V-23)

MEMODYNE CORP.

MAP-PAC
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 110 line/min
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Date First Installed: 1981
(See Vendor Profile Page V-23)

MEMODYNE CORP.

MAP-PBC
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 110 line/min
Optional Character Set Sizes: 96
Character Code: Ascii

Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$625
Date First Installed: January 1981

MEMODYNE CORP.

MAP-SBC
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 110 line/min
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Number Installed to Date: 725
Date First Installed: 1981

MEMODYNE CORP.

MAP-20 IAC
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 110 line/min
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$875
Date First Installed: 1981

MEMODYNE CORP.

MAP-20 IEC
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 110 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$875
Date First Installed: 1981

MEMODYNE CORP.

MAP-20 SAC
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 110 line/min
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Distribution Method: OEM
Number Installed to Date: 725
Date First Installed: 1981

MEMODYNE CORP.

MAP-20 SEC
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 110 line/min
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Number Installed to Date: 725

MILTOPE CORP.

LP 3036 LINE PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 line/min
Maximum Characters Per Line: 36
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 4 in.
Price: \$7,000
Distribution Method: OEM

Line Printers

Under 200 line/min

Date First Installed: 1976
(See Vendor Profile Page V-24)

MILTOPE CORP.
TP2000 THERMAL LINE PRINTER
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 160 line/min
Maximum Characters Per Line: 66.8
Optional Character Set Sizes: 64, 96, 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 4 in.
Graphics Functions Supported: 400 Dots/Line Graphics
Price: \$7,000
Distribution Method: OEM

NCR CORP.
NCR 6410
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 90 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Price: \$2,300
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1981
(See Vendor Profile Page V-26)

NCR CORP.
NCR 6440-0202
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 125 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Maximum Form Width: 17 in.
Date First Installed: 1978

NCR CORP.
NCR 6440-0302
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 70 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Maximum Form Width: 17 in.

NCR CORP.
NCR 6440-0402
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 50 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Maximum Form Width: 17 in.
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1978

OLIVETTI OPE PRINTERS, INC.
JP101
Print Mechanism: Nonimpact
Print Technique: Spark Ink-Jet
Maximum Print Speed: 50 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$400
Distribution Method: OEM
Date First Installed: June 1983
(See Vendor Profile Page V-27)

RAMTEK CORP.
4100 COLORGRAPHIC PRINTER
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 40 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Graphics Functions Supported: ARC, Patterns, Curves
Colors Supported: 8
Price: \$6,995
Distribution Method: End user, OEM
(See Vendor Profile Page V-30)

TELPAR, INC.
PL 12E
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 130 line/min
Maximum Characters Per Line: 12
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$297
Distribution Method: OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1979
(See Vendor Profile Page V-36)

TELPAR, INC.
PL 20C
Print Technique: Thermal Matrix
Maximum Print Speed: 150 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$395
Distribution Method: OEM
Number Installed to Date: 500 - 1,000
Date First Installed: 1980

TELPAR, INC.
PL 20CX
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 120 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll

Maximum Form Width: 3 in.
Price: \$395
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: 1980

TELPAR, INC.
PL 20E
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 130 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$297
Distribution Method: OEM
Number Installed to Date: 5,000 - 10,000
Date First Installed: 1978

TELPAR, INC.
PL 20EX
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 120 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$297
Distribution Method: OEM
Number Installed to Date: 5,000 - 10,000
Date First Installed: 1978

TELPAR, INC.
PL 20RM
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 120 line/min
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$575
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: 1983

TELXON CORP.
TELXON IT-40
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 line/min
Maximum Characters Per Line: 40
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll, Ticket
Maximum Form Width: 4 in.
Graphics Functions Supported: Dot Addressable
Price: \$895
Distribution Method: End user, OEM
Date First Installed: 1979
(See Vendor Profile Page V-37)

TRILOG, INC.
C-144
Print Mechanism: Impact
Print Technique: Dot Matrix

Maximum Print Speed: 190 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Three Dimensional, Charts
Colors Supported: 256
Price: \$11,500
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: 1979
(See Vendor Profile Page V-38)

TRILOG, INC.
TIP-150
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 line/min
Maximum Characters Per Line: 220
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Three Dimensional, Charts
Price: \$3,900
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: May 1983

WEBER MARKING SYSTEMS
LEGITRONICS 1550
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 line/min
Maximum Characters Per Line: 128
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Maximum Form Width: 15 in.
Price: \$9,000
Number Installed to Date: 100 - 500
Date First Installed: 1981
(See Vendor Profile Page V-39)

Print Speeds Over 500 Char./Sec

AB DICK CO.
VIDEO JET PRINTER 9400 SERIES
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 1,375
char./sec.
Maximum Characters Per Line:
Variable
Optional Character Set Sizes:
Variable
Character Code: Ascii
Communications Port: Serial,
Parallel
Colors Supported: 6
Price: \$50,000
Distribution Method: End user
Number Installed to Date: 5,000 -
10,000
Date First Installed: 1968
(See Vendor Profile Page V-1)

AXIOM CORP.
EX-420
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 550
char./sec.
Maximum Characters Per Line: 46,
Optional Character Set Sizes: 96,
64
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 5 in.
Price: \$849
Distribution Method: End user,
OEM, Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-4)

AXIOM CORP.
EX-1620
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 960
char./sec.
Maximum Characters Per Line: 160
Optional Character Set Sizes: 96,
Optional 6
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$999
Distribution Method: End user,
OEM, Third-party
Date First Installed: September
1982

**COMPUTER DESIGNED
SYSTEMS, INC.**
PB-900
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 900
char./sec.
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48,
Variable
Character Code: Ascii, Ebcidic
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Price: \$25,000

Number Installed to Date: Under
100
Date First Installed: October 1980
(See Vendor Profile Page V-8)

**COMPUTER DESIGNED
SYSTEMS, INC.**
PD-600
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 600
char./sec.
Maximum Characters Per Line: 132
Character Code: Ascii, Ebcidic
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Graphics Functions Supported:
Arcs, Curves, Patterns, Charts
Price: \$23,000
Date First Installed: January 1980

**COMPUTER DESIGNED
SYSTEMS, INC.**
PM-600
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600
char./sec.
Optional Character Set Sizes: 132
Character Code: Ascii, Ebcidic
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Price: \$13,500
Number Installed to Date: 1,000 -
5,000
Date First Installed: February 1978

DATADYNE CORP.
MODEL 722
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 4,800
char./sec.
Maximum Characters Per Line: 22
Optional Character Set Sizes: 48,
64, 16
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 3 in.
Colors Supported: 1
Price: \$2,100
Distribution Method: OEM
Number Installed to Date: 1,300
Date First Installed: March 1969
(See Vendor Profile Page V-10)

DATAMETRICS CORP.
DMC-2001
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 2,000
char./sec.
Maximum Characters Per Line: 32
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Roll
Maximum Form Width: 4 in.
Graphics Functions Supported:
Charts, Patterns
Price: \$8,000

Distribution Method: End user, OEM
Date First Installed: January 1962
(See Vendor Profile Page V-11)

DATAMETRICS, INC.
DMC 1500
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 1,600
char./sec.
Maximum Print Speed: 1,200
line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 8 in.
Price: \$28,000
Distribution Method: End user, OEM
Number Installed to Date: 500 -
1,000
Date First Installed: January 1973

DATAMETRICS, INC.
DMC 4003
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 1,100
char./sec.
Maximum Print Speed: 2,000
line/min
Maximum Characters Per Line: 33
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 4 in.
Price: \$16,000
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: January 1978

**DENNISON MANUFACTURING
CO., INC. CO.**
2110
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600
char./sec.
Maximum Characters Per Line: 132
Optional Character Set Sizes:
Variable
Character Code: Ascii, Ebcidic
Communications Port: Serial,
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll, Tags
Graphics Functions Supported:
Enlarged Characters, Logos, Bar
Codes
Price: \$10,000
Distribution Method: End user
Number Installed to Date: 500 -
1,000
Date First Installed: September
1977
(See Vendor Profile Page V-12)

**DENNISON MANUFACTURING
CO., INC.**
2200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600
char./sec.
Maximum Characters Per Line: 132
Optional Character Set Sizes:
Variable
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Tractor, Friction

Forms Type Accepted: Fan fold,
Roll
Graphics Functions Supported:
Enlarged Characters, Logos, Bar
Codes
Price: \$10,000
Distribution Method: End user
Number Installed to Date: 500 -
1,000
Date First Installed: September
1977

**DENNISON MANUFACTURING
CO., INC.**
2310
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600
char./sec.
Maximum Characters Per Line: 132
Optional Character Set Sizes:
Variable
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Graphics Functions Supported:
Enlarged Characters, Logos, Bar
Codes
Price: \$10,000
Distribution Method: End user
Number Installed to Date: 500 -
1,000
Date First Installed: 1977

FLORIDA DATA CORP.
OSP 120
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600
char./sec.
Maximum Characters Per Line: 235
Optional Character Set Sizes:
Variable to 100
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Pin
Forms Type Accepted: Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported:
Raster Graphics
Price: \$3,900
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 5,000 -
10,000
Date First Installed: September
1981
(See Vendor Profile Page V-15)

FLORIDA DATA CORP.
OSP 125
Print Mechanism: Impact
Print Technique: Impact
Maximum Print Speed: 600
char./sec.
Maximum Characters Per Line: 235
Optional Character Set Sizes:
Variable to 100
Character Code:
Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported:
Raster Graphics
Price: \$4,100
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 5,000 -
10,000
Date First Installed: September
1981

FLORIDA DATA CORP.

OSP 130
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600
char./sec
Maximum Characters Per Line: 235
Optional Character Set Sizes:
Variable to 100
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Pin
Forms Type Accepted: Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported:
Raster Graphics
Price: \$4,100
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1981

FRANCHISE MAILING

SYSTEMS

DOMINO UNIJET
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 1,523
char./sec
Maximum Characters Per Line: 255
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial,
Parallel
Price: \$15,000
Distribution Method: End user
Number Installed to Date: 100 - 500
(See Vendor Profile Page V-15)

GENERAL ELECTRIC CO.

GE 510
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 510
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$5,795
Distribution Method: OEM
(See Vendor Profile Page V-15)

INFORMATION DEVICES

CORP.

RMS-600
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 600
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96,
128
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Colors Supported: 1
Price: \$20,000
Distribution Method: End user,
OEM, Third-party
Date First Installed: January 1980
(See Vendor Profile Page V-19)

INFORMATION DEVICES

CORP.

RMS-600 REMOTE BATCH
PRINTER
Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 600
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported:
Arcs, Curves, Patterns, Three
Dimensional, Charts
Price: \$21,000
Distribution Method: End user
Date First Installed: December 1980

PERKIN-ELMER CORP.

550
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 960
char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Stepper Motor
Forms Type Accepted: Roll
Distribution Method: End user
Date First Installed: 1978
(See Vendor Profile Page V-28)

PERKIN-ELMER CORP.

550
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 960
char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Stepper Motor
Forms Type Accepted: Roll
Graphics Functions Supported:
Standard Graphics, Columns, Lines
Distribution Method: End user
Date First Installed: 1978

SCI SYSTEMS, INC.

SCI MODEL 1180
Print Technique: Electrosensitive
Maximum Print Speed: 1,100
char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$1,200
Distribution Method: OEM
Number Installed to Date: 1,000 -
5,000
Date First Installed: 1980
(See Vendor Profile Page V-31)

301- to 500 Char./Sec Print Speeds

AUTOMATIC FUNDS

TRANSFER SERVICES, INC.

AFT 200 MICRO PRINTER
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 400
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii

Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Continuous
Maximum Form Width: 16 in.
Price: \$19,500
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-4)

BRAEGEN CORP.

3126-9
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 14 in.
Distribution Method: End user
Date First Installed: June 1980
(See Vendor Profile Page V-5)

CENTRONICS DATA

COMPUTER CORP.

MODEL 357
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 400
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96, 7
International Sets Available
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 15 in.
Distribution Method: OEM, Third-
party
Date First Installed: 1900
(See Vendor Profile Page V-6)

CENTRONICS DATA

COMPUTER CORP.

MODEL 358
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 400
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96, 7
International Sets Available
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 15 in.
Distribution Method: OEM, Third-
party
Date First Installed: 1900

COMPUTER DESIGNED

SYSTEMS, INC.

PB-400
Print Mechanism: Impact
Print Technique: Band
Maximum Print Speed: 400
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48,
Any Option
Character Code: Ascii, Ebcidic
Communications Port: Serial,
Parallel
Form Feed Method: Tractor

Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Price: \$22,000
Number Installed to Date: Under
100
Date First Installed: October 1980
(See Vendor Profile Page V-8)

COMPUTER DESIGNED

SYSTEMS, INC.

PM-450
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 450
char./sec
Optional Character Set Sizes: 132
Character Code: Ascii, Ebcidic
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Graphics Functions Supported:
Arcs, Curves, Patterns, Charts
Colors Supported: 1
Price: \$13,500
Distribution Method: End user
Number Installed to Date: 1,000 -
5,000
Date First Installed: February 1978

DATAPRODUCTS CORP.

M-200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340
char./sec
Maximum Characters Per Line: 218
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial,
Parallel
Maximum Form Width: 15 in.
Price: \$3,000
Distribution Method: OEM, Third-
party
Date First Installed: 1978
(See Vendor Profile Page V-11)

DENNISON MANUFACTURING

CO., INC.

4200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 350
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes:
Variable
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Roll
Graphics Functions Supported:
Enlarged Characters, Logos, Bar
Codes
Price: \$5,500
Distribution Method: End user
Number Installed to Date: Under
100
Date First Installed: January 1983
(See Vendor Profile Page V-12)

DIABLO SYSTEMS, INC.

DOT MATRIX 38
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 400
char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii

PRINTERS



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Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$2,200
Distribution Method: Third-party
(See Vendor Profile Page V-12)

FACIT, INC. FACIT 4570

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 330 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128, 256, 512
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Colors Supported: 1
Price: \$2,995
Distribution Method: OEM
(See Vendor Profile Page V-15)

GENERAL BUSINESS TECHNOLOGY, INC. 5220DP

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 400 char./sec
Maximum Characters Per Line: 138
Optional Character Set Sizes: 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$5,400
Distribution Method: Third-party

GENERAL BUSINESS TECHNOLOGY, INC. 5220MP

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 400 char./sec
Maximum Characters Per Line: 138
Optional Character Set Sizes: 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Maximum Form Width: 15 in.
Price: \$4,750

GENERAL ELECTRIC CO. GE 3400

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 400 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$2,410
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-15)

GENERAL ELECTRIC CO. GE 3404

Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 400 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$2,610
Distribution Method: OEM, Third-party

IBM

3268
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$7,500
Distribution Method: End user
(See Vendor Profile Page V-17)

INTERFACE SYSTEMS, INC. MODEL 487

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 350 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 167
Character Code: Ebcidic
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Colors Supported: 7
Price: \$4,950
(See Vendor Profile Page V-19)

NCR CORP.

NCR 6442
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 325 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Business Graphics
Price: \$3,700
Date First Installed: March 1983
(See Vendor Profile Page V-26)

OKIDATA CORP.

PACEMARK 2350
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 350 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Colors Supported: 2

Price: \$2,695
Distribution Method: Third-party
Date First Installed: March 1983
(See Vendor Profile Page V-27)

OKIDATA CORP.

PACEMARK 2410
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 350 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Colors Supported: 2
Price: \$2,995
Distribution Method: Third-party

PRINTEX, INC.

PRINTEX 920
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340 char./sec
Maximum Characters Per Line: 127
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: All Point Addressable
Colors Supported: 1
Price: \$2,395
Distribution Method: End user, OEM, Third-party
(See Vendor Profile Page V-29)

PRINTRONIX, INC.

MVP (TASK MASTER II)
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 200 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96, 128, 32
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Three Dimensional, Bar Code Labeling
Price: \$3,500
(See Vendor Profile Page V-29)

PRINTRONIX, INC.

P150
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 150 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96, 128, 32
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Arcs, Patterns, Bar Code Labeling, Curves, Three Dimensional
Price: \$4,600
Number Installed to Date: 10,000 - 50,000

SANTEC CORP.

S700 VARIFLEX
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 390 char./sec
Maximum Characters Per Line: 153
Optional Character Set Sizes: 96, 152
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Single OR
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported: 16 Available
Price: \$3,600
Distribution Method: End user, OEM
Number Installed to Date: 2,000
(See Vendor Profile Page V-31)

SOUTHERN SYSTEMS, INC.

M-200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 128
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$3,000
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-32)

TEKTRONIX, INC.

4643
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$4,300
Distribution Method: End user
(See Vendor Profile Page V-36)

TELETYPE CORP.

AP-200
Print Technique: Dot Matrix
Maximum Print Speed: 340 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$3,858
(See Vendor Profile Page V-36)

VECTOR GRAPHIC, INC.

M200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial

Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$3,450
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-38)

101- to 300 Char./Sec Print Speeds

ALPHACOM, INC.

ALPHACOM 40
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Fan fold, Roll
Maximum Form Width: 9 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 1
Price: \$295
Distribution Method: End user, OEM, Third-party
Date First Installed: May 1981
(See Vendor Profile Page V-1)

ANACOM GENERAL CORP.

ANACOM 150-132
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 94
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$1,495
Distribution Method: End user, Third-party
(See Vendor Profile Page V-3)

ANACOM GENERAL CORP.

ANACOM 150-132-Z
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 1
Price: \$1,895
Distribution Method: End user, Third-party
Date First Installed: November 1980

ANACOM GENERAL CORP.

ANACOM 150-80
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec

Maximum Characters Per Line: 80
Optional Character Set Sizes: 94
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 12 in.
Price: \$1,420
Distribution Method: End user, Third-party

ANACOM GENERAL CORP.

ANACOM 150-80-Z
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 12 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 1
Price: \$1,820
Distribution Method: End user, Third-party

ANACOM GENERAL CORP.

ANACOM 160-132
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 94
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$1,750
Distribution Method: End user, Third-party

ANACOM GENERAL CORP.

ANACOM 160-132-Z
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 1
Price: \$2,150
Distribution Method: End user, Third-party

ANACOM GENERAL CORP.

ANACOM 160-80
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 94
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold

Maximum Form Width: 12 in.
Price: \$1,675
Distribution Method: End user, Third-party

ANACOM GENERAL CORP.

ANACOM 160-80-Z
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 12 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 1
Price: \$2,075

ANADEX, INC.

DP-9000A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 95
Character Code: Ascii
Communications Port: Serial, Parallel
Maximum Form Width: 15 in.
Price: \$1,625
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-3)

ANADEX, INC.

DP-9001A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial, Parallel
Maximum Form Width: 15 in.
Price: \$1,625
Distribution Method: OEM, Third-party
Date First Installed: October 1980

ANADEX, INC.

DP-9500A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Serial, Parallel
Maximum Form Width: 15 in.
Price: \$1,725
Distribution Method: OEM, Third-party

ANADEX, INC.

DP-9501A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 95
Character Code: Ascii
Communications Port: Serial, Parallel
Maximum Form Width: 15 in.
Price: \$1,725

Distribution Method: OEM, Third-party
Date First Installed: May 1980

ANADEX, INC.

DP-9620A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Maximum Form Width: 15 in.
Price: \$1,845
Distribution Method: OEM, Third-party

ANADEX, INC.

DP-9825A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$1,995

ANADEX, INC.

WF-6000 MULTI-MODE PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 285 char./sec
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction, Tractor
Forms Type Accepted: Fan fold, Single Sheet
Maximum Form Width: 15 in.
Price: \$3,250
Distribution Method: OEM, Third-party

APPLE COMPUTER, INC.

APPLE DOT MATRIX PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported: High resolution
Colors Supported: 1
Price: \$895
Distribution Method: Third-party
Date First Installed: January 1983
(See Vendor Profile Page V-3)

EXIOM CORP.

EX401A
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 192 char./sec
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 5 in.
Price: \$549
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1977
(See Vendor Profile Page V-4)

AXIOM CORP.
EX 4018
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 192
char./sec
Maximum Characters Per Line: 64
Optional Character Set Sizes: 96,
128
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 5 in.
Price: \$599
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1977

AXIOM CORP.
EX 1601
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 240
char./sec
Maximum Characters Per Line: 27
Optional Character Set Sizes: 96,
128
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$699
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1977

BDS CORP.
BP300
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor,
Friction, Pin
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 15 in.
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1983
(See Vendor Profile Page V-4)

BILLINGS COMPUTER CORP.
P160
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160
char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold,
Cut sheet
Graphics Functions Supported: Dot

Addressable
Price: \$700
Distribution Method: End user,
Third-party
(See Vendor Profile Page V-5)

BILLINGS COMPUTER CORP.
P200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160
char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot
Addressable
Price: \$1,250
Distribution Method: End user,
Third-party

BRAEEN CORP.
3122-8
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Distribution Method: End user
Date First Installed: January 1982

BRAEEN CORP.
3122-9
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64,
96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Roll
Maximum Form Width: 14 in.
Distribution Method: End user
Date First Installed: January 1982
(See Vendor Profile Page V-5)

BRAEEN CORP.
8460
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./
sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Cut sheet
Distribution Method: End user
Date First Installed: September
1983

BRAEEN CORP.
8562
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./
sec
Maximum Characters Per Line: 132

Standard Character Set Size: 96
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Cut sheet
Distribution Method: End user
Date First Installed: November 1983

BRAEEN CORP.
8567
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./
sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Cut sheet
Distribution Method: End user
Date First Installed: November 1983

**BUSINESS INFORMATION
SYSTEMS, INC.**
C-4510
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 120
char./sec
Maximum Characters Per Line: 80
Optional Character Set Size: 48
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 15 in.
Price: \$995
Distribution Method: OEM, Third-
party
Number Installed to Date: 1,000 -
5,000
Date First Installed: 1981
(See Vendor Profile Page V-5)

**BUSINESS INFORMATION
SYSTEMS, INC.**
C-4810
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 150
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 132 in.
Price: \$1,700
Distribution Method: End user, OEM
Number Installed to Date: 1,000 -
5,000
Date First Installed: 1981

CANON U.S.A., INC.
A 1200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120
char./sec
Maximum Characters Per Line: 136
Standard Character Set Size: 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Roll, Cut
sheet
Maximum Form Width: 9 in.

Colors Supported: 1
Price: \$595
Distribution Method: Third-party
(See Vendor Profile Page V-6)

CAPITOL CIRCUITS CORP.
SERIES S400
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150
char./sec
Maximum Characters Per Line: 40
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Price: \$775
Distribution Method: End user, OEM
Number Installed to Date: 1,200
Date First Installed: September
1982
(See Vendor Profile Page V-6)

CAPITOL CIRCUITS CORP.
SERIES S400T
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150
char./sec
Maximum Print Speed: 180 line/min
Maximum Characters Per Line: 40
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$775
Distribution Method: End user, OEM
Number Installed to Date: 2,200
Date First Installed: September
1982

**CARDINAL SCALE
MANUFACTURING CO.**
CARDINAL 2170
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes:
Variable
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Cut sheet
Price: \$2,300
Distribution Method: OEM
Number Installed to Date: 500 -
1,000
Date First Installed: March 1981
(See Vendor Profile Page V-6)

**CARTERFONE
COMMUNICATIONS CORP.**
5082
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120
char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$750
Distribution Method: End user,
OEM, Third-party
(See Vendor Profile Page V-6)

CARTERPHONE COMMUNICATIONS CORP.
5083

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 14 in.
Price: \$1,150
Distribution Method: End user, OEM, Third-party

CENTRONICS DATA COMPUTER CORP.

MODEL 122 GRAPHICS
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$995
Distribution Method: Third-party
(See Vendor Profile Page V-6)

CENTRONICS DATA COMPUTER CORP.
MODEL 150

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Distribution Method: End user, OEM, Third-party

CENTRONICS DATA COMPUTER CORP.

MODEL 152
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 86
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Distribution Method: End user, OEM, Third-party

CENTRONICS DATA COMPUTER CORP.

MODEL 159
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96

Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Distribution Method: End user, OEM, Third-party

CENTRONICS DATA COMPUTER CORP.

MODEL 351 PRINTSTATION
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,195
Distribution Method: OEM, Third-party
Date First Installed: September 1982

CENTRONICS DATA COMPUTER CORP.

MODEL 352 PRINTSTATION
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$1,795
Distribution Method: OEM, Third-party
Date First Installed: March 1982

CENTRONICS DATA COMPUTER CORP.

MODEL 353 PRINTSTATION
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,495
Distribution Method: OEM, Third-party
Date First Installed: April 1982

CENTRONICS DATA COMPUTER CORP.

MODEL 704
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 13
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 13 in.
Price: \$2,205
Distribution Method: OEM, Third-party
Date First Installed: 1976

COMMODORE BUSINESS MACHINE INC. SYSTEMS

CBM 8023P
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 136
Form Feed Method: Tractor, Friction
Price: \$995
Distribution Method: Third-party
(See Vendor Profile Page V-7)

COMPRINT, INC.
912 AG

Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 225 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$695
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: March 1983
(See Vendor Profile Page V-7)

COMPRINT, INC.
912 ALFA-NUMERIC

Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 225 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$495
Distribution Method: End user
Number Installed to Date: 7,000
Date First Installed: January 1979

COMPRINT, INC.
912 GO

Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 225 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$995
Distribution Method: OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: September 1980

COMPRINT, INC.
COMPRINT 912

Print Mechanism: Nonimpact

Print Technique: Electrosensitive
Maximum Print Speed: 225 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 11 in.
Price: \$595
Distribution Method: End user, OEM
Number Installed to Date: 5,000 - 10,000
Date First Installed: January 1979

COMPUTER DESIGNED SYSTEMS, INC.

PD-350
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 300 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 2
Price: \$23,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: September 1980
(See Vendor Profile Page V-8)

COMPUTER DESIGNED SYSTEMS, INC.

PM-180
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported: Arcs, Patterns, Curves, Charts
Colors Supported: 2
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000

COMPUTER DESIGNED SYSTEMS, INC.

PM-210
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 250 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebcidic, A
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Maximum Form Width: 14 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts

Serial Printers

101- to 300 char./sec

Colors Supported: 2
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000
Date First Installed: June 1977

COMPUTER DESIGNED SYSTEMS, INC.

PM-211
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 char./sec
Optional Character Set Sizes: 132
Character Code: Ascii, Ebdic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 1
Price: \$2,000 to \$8,500
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1977

COMPUTER DESIGNED SYSTEMS, INC.

PM-300
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 char./sec
Character Code: Ascii, Ebdic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 1
Price: \$13,500
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: February 1978

COBOL, INC.

101 B-80E
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 110 char./sec
Maximum Characters Per Line: 88
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 12 in.
Graphics Functions Supported: Dot Addressable, Graphics
Price: \$450
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: January 1980
(See Vendor Profile Page V-9)

COBOL, INC.

102A-48
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 110 char./sec
Maximum Characters Per Line: 48
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Friction
Forms Type Accepted: Roll, Cut
sheet
Maximum Form Width: 7 in.
Graphics Functions Supported: Dot Addressable, Graphics
Price: \$350
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: March 1980

CROMEMCO, INC.

315
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 12 in.
Price: \$1,295
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1981
(See Vendor Profile Page V-9)

CROMEMCO, INC.

3703
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96, 192
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$3,195
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: 1977

DATAPPOINT CORP.

9621
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$2,500
Distribution Method: End user
Date First Installed: June 1979
(See Vendor Profile Page V-11)

DATAPPOINT CORP.

9622
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Parallel
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$2,500
Distribution Method: End user
Date First Installed: June 1979

DATAPPOINT CORP.

9628
Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 10 in.
Price: \$895
Distribution Method: End user
Date First Installed: October 1982

DATAPRODUCTS CORP.

M-100
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 140 char./sec
Maximum Characters Per Line: 132, 218 condensed
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Graphics Functions Supported: Automatic Bar Codes, Charts, Pattern, Automatic Block Letters, Line Drawings
Price: \$3,000
Distribution Method: OEM, Third-party
Date First Installed: 1981
(See Vendor Profile Page V-11)

DATAPRODUCTS CORP.

M-120
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132, 218 condensed
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$2,700
Distribution Method: OEM, Third-party
Date First Installed: 1980

DATAPRODUCTS CORP.

M-200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340 char./sec
Maximum Characters Per Line: 132, 218 condensed
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$3,000
Distribution Method: OEM, Third-party
Date First Installed: 1978

DATASOUTH COMPUTER

DS 180 MATRIX PRINTER
Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Colors Supported: 1
Price: \$1,595
Distribution Method: Third-party
Number Installed to Date: 22,000
Date First Installed: June 1980
(See Vendor Profile Page V-11)

DECISION DATA COMPUTER CORP.

MODEL 8541-02
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii, Ebdic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$4,000
Distribution Method: End user, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: 1980
(See Vendor Profile Page V-12)

DECISION DATA COMPUTER CORP.

MODEL 8541-05
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96, 184
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$5,000
Distribution Method: End user
Number Installed to Date: 250
Date First Installed: 1981

DECISION DATA COMPUTER CORP.

MODEL 8541-07
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ebdic
Form Feed Method: Tractor
Maximum Form Width: 15 in.
Price: \$3,800
Number Installed to Date: 4,500
Date First Installed: March 1981

DIGITAL EQUIPMENT CORP.

LP-100
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 240 char./sec
Maximum Characters Per Line: 132

Optional Character Set Sizes:

Variable
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Bit Map (Raster)
Price: \$2,215
Distribution Method: End user, OEM, Third-party
Date First Installed: 1981
(See Vendor Profile Page V-13)

ENVISION TECHNOLOGY, INC.

MODEL 420 COLOR PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 char./sec

Maximum Characters Per Line: 240
Optional Character Set Sizes: 128, 96

Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet

Maximum Form Width: 15 in.
Graphics Functions Supported: Arcs, Three-Dimensional, Curves, Charts, Patterns

Colors Supported: 8
Price: \$4,450
Distribution Method: OEM, Third-party

Date First Installed: November 1982
(See Vendor Profile Page V-14)

ENVISION TECHNOLOGY, INC.

MODEL 430 COLOR VECTOR PRINTER

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 char./sec

Maximum Characters Per Line: 240
Optional Character Set Sizes: 128, 96

Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet

Maximum Form Width: 15 in.
Graphics Functions Supported: Arcs, Three-Dimensional, Curves, Charts, Patterns

Colors Supported: 8
Price: \$5,450
Distribution Method: OEM, Third-party

Date First Installed: November 1982

EPSON AMERICA, INC.

FX 80
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec

Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii

Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll

Maximum Form Width: 10 in.
Graphics Functions Supported: Curves, Patterns, Charts

Colors Supported: 2

Price: \$699

Distribution Method: Third-party
Date First Installed: June 1983
(See Vendor Profile Page V-14)

FACIT, INC.

FACIT 4510
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec

Maximum Print Speed: 55 line/min
Optional Character Set Sizes: 96, Variable

Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet

Maximum Form Width: 11 in.
Graphics Functions Supported: Block Graphics, Pin Graphics

Price: \$695
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000

Date First Installed: July 1982
(See Vendor Profile Page V-15)

FACIT, INC.

FACIT 4528
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 165 char./sec

Maximum Characters Per Line: 136
Optional Character Set Sizes: 96, Variable

Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor
Forms Type Accepted: Fan fold

Maximum Form Width: 15 in.
Colors Supported: 1
Price: \$2,195

Distribution Method: OEM
Number Installed to Date: Under 100

Date First Installed: April 1983

FACIT, INC.

FACIT 4542
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 250 char./sec

Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 150
Optional Character Set Sizes: 128, 256, 512

Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor
Forms Type Accepted: Fan fold

Maximum Form Width: 18 in.
Colors Supported: 2
Price: \$3,280

Distribution Method: OEM
Number Installed to Date: 5,000 - 10,000

Date First Installed: September 1979

FACIT, INC.

FACIT 4544
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 250 char./sec

Maximum Characters Per Line: 150
Optional Character Set Sizes: 128, 256, 512

Character Code: Ascii

Communications Port: Serial, Parallel

Form Feed Method: Tractor

Forms Type Accepted: Fan fold

Maximum Form Width: 18 in.

Price: \$3,930

Distribution Method: OEM

Number Installed to Date: 500 - 1,000

Date First Installed: 1981

FACIT, INC.

FACIT 5000A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec

Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii

Communications Port: Serial, Parallel
Form Feed Method: Tractor

Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Distribution Method: OEM

Number Installed to Date: 10,000 - 50,000
Date First Installed: September 1979

FACIT, INC.

FACIT 5000C
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 165 char./sec

Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii

Communications Port: Serial, Parallel
Form Feed Method: Tractor

Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Colors Supported: 1

Distribution Method: OEM
Number Installed to Date: 10,000 - 50,000

Date First Installed: January 1980

FACIT, INC.

FACIT 5000V
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 165 char./sec

Maximum Characters Per Line: 136
Optional Character Set Sizes: 96, Variable

Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor
Forms Type Accepted: Fan fold

Maximum Form Width: 15 in.
Colors Supported: 1
Price: \$2,095

Distribution Method: OEM
Number Installed to Date: 500 - 1,000

Date First Installed: September 1982

GENERAL BUSINESS

TECHNOLOGY, INC.
5203DP
Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec

Maximum Characters Per Line: 96
Optional Character Set Sizes: 96

Character Code: Ebodic

Communications Port: Serial

Form Feed Method: Tractor

Forms Type Accepted: Fan fold

Maximum Form Width: 15 in.

Price: \$4,795

Distribution Method: End user, Third-party

Date First Installed: 1981
(See Vendor Profile Page V-15)

GENERAL BUSINESS

TECHNOLOGY, INC.
5203MP
Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec

Maximum Characters Per Line: 98
Optional Character Set Sizes: 96
Character Code: Ebodic

Communications Port: Serial
Form Feed Method: Tractor

Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$4,496

Distribution Method: End user, Third-party
Date First Installed: 1981

GENERAL BUSINESS

TECHNOLOGY, INC.
5207FA
Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec

Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ebodic

Communications Port: Serial
Form Feed Method: Tractor

Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Price: \$2,995

Distribution Method: Third-party
Date First Installed: 1982

GENERAL BUSINESS

TECHNOLOGY, INC.
5210BL
Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec

Maximum Characters Per Line: 96
Optional Character Set Sizes: 96
Character Code: Ebodic

Communications Port: Serial
Form Feed Method: Tractor

Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$4,995

Distribution Method: End user, Third-party
Date First Installed: 1983

GENERAL ELECTRIC CO.

GE 206 LINE PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$3,010
Distribution Method: OEM
Date First Installed: April 1978
(See Vendor Profile Page V-15)

GENERAL ELECTRIC CO.

GE 3014
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$1,350
Distribution Method: OEM, Third-party
Date First Installed: January 1983

GENERAL ELECTRIC CO.

GE 3024
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$1,550
Distribution Method: OEM, Third-party
Date First Installed: 1983

GENERAL ELECTRIC CO.

GE 3180
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$1,990
Distribution Method: OEM, Third-party
Date First Installed: 1982

GENERAL ELECTRIC CO.

GE 3181
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii

Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 12 in.
Price: \$1,930
Distribution Method: OEM, Third-party
Date First Installed: January 1982

GENERAL ELECTRIC CO.

GE 3184
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$2,190
Distribution Method: OEM, Third-party
Date First Installed: January 1982

GENERAL ELECTRIC CO.

GE 3185
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 12 in.
Price: \$2,130
Distribution Method: OEM, Third-party
Date First Installed: January 1982

GENERAL ELECTRIC CO.

GE 3300
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$2,210
Distribution Method: OEM, Third-party

GENERAL ELECTRIC CO.

GE 3304
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.

Price: \$2,450
Distribution Method: OEM, Third-party
Date First Installed: 1982

HARRIS CORP.

HARRIS 4415
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 165 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Maximum Form Width: 17 in.
Price: \$4,000
(See Vendor Profile Page V-16)

HEWLETT-PACKARD CO.

HP 2631B
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 256
Character Code: Ascii
Communications Port: Serial
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$3,970
Distribution Method: End user
Date First Installed: July 1980
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

HP 2631G
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 256
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$3,970
Distribution Method: End user
Date First Installed: July 1980

HEWLETT-PACKARD CO.

HP 2671G
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 9 in.
Price: \$1,240
Distribution Method: End user
Date First Installed: May 1981

HEWLETT-PACKARD CO.

HP 2673A
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 9 in.

Price: \$1,240
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000
Date First Installed: May 1981

HI-G/AMS CONTROL CORP.

9/80
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 10 in.
Graphics Functions Supported: Dot Controlled
Price: \$1,050
Distribution Method: Third-party
Date First Installed: December 1981
(See Vendor Profile Page V-17)

HI-G/AMS CONTROL CORP.

132 PS
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 165 char./sec
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Graphics Functions Supported: Arcs, Patterns, Charts
Price: \$1,295
Distribution Method: OEM, Third-party
Date First Installed: February 1981

HONEYWELL, INC.

PRU 1018
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
(See Vendor Profile Page V-17)

HONEYWELL, INC.

PRU 9614
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.

IBM

4975 2L
Print Mechanism: Impact
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 192
Optional Character Set Sizes: 128
Character Code: Ebcdic
Communications Port: Serial
Maximum Form Width: 15 in.

Price: \$4,175
Distribution Method: End user
Date First Installed: September 1981
(See Vendor Profile Page V-17)

IBM
5242
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 198
Standard Character Set Size: 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,975
Distribution Method: End user
Date First Installed: September 1981

IBM
5256-3
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$4,535
Distribution Method: End user
Date First Installed: January 1978

INFORMER COMPUTER TERMINALS, INC.
387 MATRIX PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 13 in.
Graphics Functions Supported: 64 Symbols
Price: \$1,000
Distribution Method: End user
Date First Installed: April 1982
(See Vendor Profile Page V-19)

INFOSCRIBE, INC.
500
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$1,530
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1981
(See Vendor Profile Page V-19)

INFOSCRIBE, INC.
1000
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$1,895
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1982

INFOSCRIBE, INC.
1100
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Colors Supported: 1
Price: \$2,195
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1983

INFOSCRIBE, INC.
1200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Colors Supported: 4
Price: \$2,495
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: 1983

INTEGRAL DATA SYSTEMS, INC.
MICROPRISM 480
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 110 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Colors Supported: 1
Distribution Method: Third-party
Date First Installed: September 1982
(See Vendor Profile Page V-19)

INTEGRAL DATA SYSTEMS, INC.
PRISM 80
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 10 in.
Colors Supported: 4
Price: \$1,299
Distribution Method: Third-party
Date First Installed: January 1982

INTEGRAL DATA SYSTEMS, INC.
PRISM 132
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Colors Supported: 4
Price: \$1,499
Distribution Method: Third-party
Date First Installed: January 1982

INTEGREX, INC.
CX 80
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 125 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Colors Supported: 7
Price: \$1,595
Distribution Method: End user
Date First Installed: 1980
(See Vendor Profile Page V-19)

INTERFACE SYSTEMS, INC.
151-387
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 167, Variable
Character Code: Ebcidic
Form Feed Method: Tractor, Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 14 in.
Price: \$4,250
Distribution Method: End user
Number Installed to Date: 1,500
(See Vendor Profile Page V-19)

ITT COURIER TERMINAL SYSTEMS, INC.
8700 SERIES
Print Mechanism: Impact
Print Technique: Dot Matrix

Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Tractor, Pin
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
(See Vendor Profile Page V-20)

ITT COURIER TERMINAL SYSTEMS, INC.
8710
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.

ITT COURIER TERMINAL SYSTEMS, INC.
8720
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 240 char./sec
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.

ITT COURIER TERMINAL SYSTEMS, INC.
8725
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 240 char./sec
Maximum Characters Per Line: 80
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.

ITT COURIER TERMINAL SYSTEMS, INC.
8740
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.

JAPAN DIGITAL LABORATORY
JDL P700
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 145 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Cut sheet
Graphics Functions Supported: Arcs, Three-Dimensional, Curves, Charts, Patterns

Price: \$2,000
Distribution Method: OEM
Date First Installed: January 1982
(See Vendor Profile Page V-21)

KONISHIROKU PHOTO INDUSTRY CO., LTD.
JM 241
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 117 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Distribution Method: OEM
Date First Installed: November 1983
(See Vendor Profile Page V-21)

LEADING EDGE PRODUCTS, INC.
PROWRITER 2 1550 BCD
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 136
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction, Pin
Maximum Form Width: 15 in.
Graphics Functions Supported: High Resolution
Price: \$995
Distribution Method: OEM, Third-party
Date First Installed: 1982
(See Vendor Profile Page V-21)

LEADING EDGE PRODUCTS, INC.
PROWRITER 8510 AP
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Graphics Functions Supported: High Resolution
Price: \$495
Date First Installed: 1982

LEADING EDGE PRODUCTS, INC.
PROWRITER 8510 BCD
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Graphics Functions Supported: High Resolution
Price: \$695
Distribution Method: OEM, Third-party
Date First Installed: 1982

LEAR SIEGLER, INC.
VERSAPRINT 500
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96, 126
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Pin, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Colors Supported: 4
Price: \$1,695
Distribution Method: Third-party
Number Installed to Date: 300
Date First Installed: September 1979
(See Vendor Profile Page V-21)

MANNESMANN TALLY CORP.
MT 76-S
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 140 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 9 in.
Price: \$4,345
Distribution Method: OEM, Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: April 1981

MANNESMANN TALLY CORP.
MT 180L
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 160
Optional Character Set Sizes: 96, Variable
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported: Dot Addressable
Price: \$698
Distribution Method: OEM, Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: July 1982
(See Vendor Profile Page V-22)

MANNESMANN TALLY CORP.
MT 160L
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96, Variable
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll

Maximum Form Width: 10 in.
Graphics Functions Supported: Dot Addressable
Price: \$798
Distribution Method: OEM, Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: July 1982

MANNESMANN TALLY CORP.
MT 180I
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 264
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot Addressable
Price: \$998
Distribution Method: OEM, Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: May 1982

MANNESMANN TALLY CORP.
MT 180L
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot Addressable
Price: \$1,098
Distribution Method: OEM, Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: May 1982

MANNESMANN TALLY CORP.
MT 1600
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot Addressable
Price: \$1,695
Distribution Method: OEM, Third-party
Number Installed to Date: More than 50,000
Date First Installed: 1975

MANNESMANN TALLY CORP.
MT 1800
Print Mechanism: Impact
Print Technique: Dot Matrix

Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot Addressable
Price: \$2,295
Number Installed to Date: 10,000 - 50,000
Date First Installed: 1981

MDS TRIVEX, INC.
8087
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 256
Character Code: Ebcidic
Forms Type Accepted: Fan fold, Roll
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-23)

MEMODYNE CORP.
MAP-8C
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 110 char./sec
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$875
Date First Installed: 1981
(See Vendor Profile Page V-23)

MEMOREX CORP.
2087 MATRIX PRINTERS
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii, Ebcidic
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$5,159
Distribution Method: End user
Number Installed to Date: 5,000 - 10,000
Date First Installed: September 1981
(See Vendor Profile Page V-23)

MICRO PERIPHERALS, INC.
PRINTMATE 150
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Picture Graphics, Print Sizes, Logos, Intermix Graphics

Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: April 1982
(See Vendor Profile Page V-24)

MICROPROCESSOR SYSTEMS, INC.

R250
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 82
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 11 in.
Price: \$800
Distribution Method: OEM
Number Installed to Date: 500 - 1,000
Date First Installed: February 1979
(See Vendor Profile Page V-24)

MOHAWK DATA SCIENCES CORP.

2144
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$1,900
Distribution Method: End user, OEM, Third-party
(See Vendor Profile Page V-25)

NCR CORP.

NCR 6411-136 COLUMN
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 64, 96, 96 Proportional
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Bit Addressable, Three-Dimensional
Price: \$1,200
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: May 1983
(See Vendor Profile Page V-26)

NCR CORP.

NCR 6411-80 COLUMN
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 64, 96, 96 Proportional
Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Graphics Functions Supported: Bit Addressable, Charts, Curves, Three-Dimensional
Price: \$900
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: May 1983

NEC INFORMATION SYSTEMS

PINWRITER P1
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction, Sheet Feed
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported: Full Graphic Capabilities
Price: \$795
Date First Installed: July 1983

NIXDORF COMPUTER CORP.

520
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$6,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1982
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.

8287-208
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 210 char./sec
Maximum Characters Per Line: 132
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Distribution Method: End user
Date First Installed: September 1983

NIXDORF COMPUTER CORP.

8287-508
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 210 char./sec
Maximum Characters Per Line: 132
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Distribution Method: End user
Date First Installed: September 1983

NIXDORF COMPUTER CORP.

8353
Print Mechanism: Impact
Print Technique: Needle
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii, Ebcidic
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$5,000

Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: June 1981

NORTH ATLANTIC INDUSTRIES

7020
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Full Dot Addressable
Price: \$1,595
Distribution Method: Third-party
Date First Installed: January 1983
(See Vendor Profile Page V-26)

NORTH ATLANTIC INDUSTRIES

7030
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 1
Price: \$1,995
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: January 1982
(See Vendor Profile Page V-26)

NORTH ATLANTIC INDUSTRIES

7040
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot Addressable
Price: \$2,195
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: January 1982

NORTHERN TELECOM, INC.

SYCOR SPRINT
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Pin, Sheet Feed
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 14 in.
Distribution Method: OEM
Date First Installed: May 1976
(See Vendor Profile Page V-26)

NOVELL DATA SYSTEMS, INC.

IMAGE 800
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Distribution Method: End user, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: 1980
(See Vendor Profile Page V-27)

OKIDATA CORP.

MICROLINE 82A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll Optional
Maximum Form Width: 10 in.
Price: \$549
Distribution Method: Third-party
Date First Installed: February 1982
(See Vendor Profile Page V-27)

OKIDATA CORP.

MICROLINE 83A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Maximum Form Width: 16 in.
Price: \$899
Distribution Method: Third-party
Date First Installed: February 1982

OKIDATA CORP.

MICROLINE 84
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Maximum Form Width: 16 in.
Price: \$1,395
Distribution Method: Third-party
Date First Installed: January 1983

OKIDATA CORP.

MICROLINE 92
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel

Serial Printers

101- to 300 char./sec

Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll
Optional
Maximum Form Width: 10 in.
Price: \$699
Distribution Method: Third-party
Date First Installed: December 1982

OKIDATA CORP. MICROLINE 93

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Maximum Form Width: 16 in.
Price: \$1,249
Distribution Method: Third-party

PANASONIC INDUSTRIAL CO. KX-P1160

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 196 char./sec
Maximum Characters Per Line: 272
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported:
Curves, Arcs, Patterns
Price: \$1,750
Distribution Method: Third-party
Number Installed to Date: Under 100
(See Vendor Profile Page V-27)

PERKIN-ELMER CORP. CP188R

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan Fold
Maximum Form Width: 14 in.
Price: \$4,500
Distribution Method: End User
(See Vendor Profile Page V-26)

PERKIN-ELMER CORP. CP120

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Distribution Method: End user

PERKIN-ELMER CORP. CP180

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96

Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Price: \$4,500
Distribution Method: End user

PERRY DATA SYSTEMS, INC. 2014

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 48
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Maximum Form Width: 4 in.
Number Installed to Date: Under 100
Date First Installed: January 1983
(See Vendor Profile Page V-28)

PERRY DATA SYSTEMS, INC. 2042

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 48
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Cut sheet, Documents
Maximum Form Width: 9 in.
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1983

PERSONAL MICRO COMPUTERS, INC. DMP-85

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported: All Bit Image
Colors Supported: 1
Price: \$495
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: September 1981
(See Vendor Profile Page V-28)

PHILIPS PERIPHERALS, INC. GP 180

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 120
Optional Character Set Sizes: 141
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin, Sheet Feed
Forms Type Accepted: Fan fold, Roll, Cut sheet

Maximum Form Width: 14 in.
Graphics Functions Supported: Dot Addressable
Distribution Method: OEM, Third-party
Number Installed to Date: 2,800
Date First Installed: 1900
(See Vendor Profile Page V-28)

PHILIPS PERIPHERALS, INC. GP 300

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 char./sec
Maximum Characters Per Line: 120
Optional Character Set Sizes: 141
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Front Feed
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported: Dot Addressable
Price: \$3,300
Distribution Method: OEM, Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: 1983

PHILIPS PERIPHERALS, INC. GP 300L

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 300 char./sec
Maximum Characters Per Line: 144
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 17 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 4
Price: \$3,500
Distribution Method: OEM, Third-party
Number Installed to Date: 5,000 - 10,000

PRINTEK, INC. PRINTEK 916

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 227
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported:
Colors Supported: 1
Price: \$1,595
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: April 1982
(See Vendor Profile Page V-29)

PRINTEK, INC. PRINTEK 950

Print Mechanism: Impact

Print Technique: Dot Matrix
Maximum Print Speed: 250 char./sec
Maximum Characters Per Line: 227
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Colors Supported: 1
Price: \$1,595
Distribution Method: End user, OEM, Third-party
Date First Installed: July 1982

PRODUCT DEVELOPMENT SERVICES, INC. EKG PRINTER

Print Technique: Thermal Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: Continuous
Graphics Functions Supported:
EKG Trace, Alphanumeric
Distribution Method: End user
Date First Installed: March 1983
(See Vendor Profile Page V-29)

Q1 CORP. 202

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Price: \$5,500
Distribution Method: End user, Third-party
Date First Installed: 1976
(See Vendor Profile Page V-30)

Q1 CORP. 204

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Price: \$4,500
Distribution Method: End user, Third-party
Date First Installed: 1980

RACAL-MILGO, INC. 4285

Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 80
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Maximum Form Width: 10 in.
Price: \$825
Distribution Method: End user
Number Installed to Date: 3,000
Date First Installed: May 1982
(See Vendor Profile Page V-30)

RACAL-MILGO, INC.

4287N

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 200 char./sec
 Maximum Characters Per Line: 132
 Standard Character Set Size: 96
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Maximum Form Width: 15 in.
 Price: \$4,125
 Number Installed to Date: 600
 Date First Installed: November 1981

RACAL-MILGO, INC.

8160-1

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 160 char./sec
 Maximum Characters Per Line: 80
 Standard Character Set Size: 96
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Roll
 Maximum Form Width: 10 in.
 Price: \$1,160
 Distribution Method: End user

RACAL-MILGO, INC.

8161-2

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 160 char./sec
 Maximum Characters Per Line: 80
 Standard Character Set Size: 96
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Friction
 Forms Type Accepted: Roll
 Maximum Form Width: 10 in.
 Price: \$1,100
 Number Installed to Date: 50
 Date First Installed: May 1983

RAYTHEON CO.

R2187-1 PRINTER

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 150 char./sec
 Maximum Characters Per Line: 132
 Optional Character Set Sizes: 96
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Maximum Form Width: 16 in.
 Price: \$4,600
 Distribution Method: End user
 Number Installed to Date: 1,000 - 5,000
 Date First Installed: September 1982
 (See Vendor Profile Page V-30)

SOUTHERN SYSTEMS, INC.

M-100

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 140 char./sec
 Maximum Characters Per Line: 132
 Standard Character Set Size: 128
 Character Code: Ascii, Ebcidic
 Communications Port: Serial, Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Maximum Form Width: 16 in.

Graphics Functions Supported:

Raster
 Price: \$3,000
 Distribution Method: End user
 Number Installed to Date: 1,000 - 5,000
 Date First Installed: September 1978
 (See Vendor Profile Page V-32)

TANDY CORP.

DMP 420

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 140 char./sec
 Maximum Characters Per Line: 132
 Optional Character Set Sizes: 96, 30, 32
 Character Code: Ascii
 Communications Port: Serial, Parallel
 Form Feed Method: Tractor, Friction
 Forms Type Accepted: Cut sheet
 Maximum Form Width: 14 in.
 Graphics Functions Supported: RS Bit Image Graphics
 Price: \$999
 Distribution Method: End user, OEM, Third-party
 Date First Installed: 1983
 (See Vendor Profile Page V-34)

TANDY CORP.

DMP500

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 220 char./sec
 Maximum Characters Per Line: 132
 Optional Character Set Sizes: 96, 30, 32
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Tractor, Friction
 Forms Type Accepted: Fan fold, Cut sheet
 Maximum Form Width: 14 in.
 Price: \$1,795
 Distribution Method: End user, OEM, Third-party
 Date First Installed: 1982

TANDY CORP.

DWP200

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 120 char./sec
 Maximum Characters Per Line: 80
 Optional Character Set Sizes: 96, 30, 32
 Character Code: Ascii
 Communications Port: Parallel
 Form Feed Method: Tractor, Friction
 Forms Type Accepted: Fan fold, Roll, Cut sheet
 Graphics Functions Supported: Bit Image Graphics
 Price: \$699
 Distribution Method: End user, OEM, Third-party
 Date First Installed: 1982

TDC

HPM 11

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 150 char./sec
 Maximum Characters Per Line: 10
 Character Code: Ascii
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Distribution Method: End user

Date First Installed: November 1983

(See Vendor Profile Page V-34)

TDC

HPM 80

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 150 char./sec
 Maximum Characters Per Line: 10
 Character Code: Ascii
 Form Feed Method: Tractor, Friction
 Forms Type Accepted: Fan fold
 Graphics Functions Supported: Three Dimensional
 Colors Supported: 1
 Price: \$276
 Distribution Method: End user
 Date First Installed: November 1983

TDC

HPM 136

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 150 char./sec
 Maximum Characters Per Line: 136
 Character Code: Ascii
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Price: \$286
 Distribution Method: End user
 Number Installed to Date: 3,000
 Date First Installed: December 1981

TELECOM TERMINAL

SYSTEMS

AIRLINE REGISTRATION SYSTEM

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 120 char./sec
 Maximum Characters Per Line: 80
 Optional Character Set Sizes: 96
 Character Code: Ebcidic
 Communications Port: Serial, Parallel
 Form Feed Method: Tractor, Friction, Pin
 Forms Type Accepted: Fan fold, Roll, Cut sheet
 Price: \$3,000
 Distribution Method: End user
 Number Installed to Date: 500
 (See Vendor Profile Page V-36)

TELECOM TERMINAL

SYSTEMS

TELEX PRINTER

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 120 char./sec
 Maximum Characters Per Line: 80
 Optional Character Set Sizes: 96
 Communications Port: Serial, Parallel
 Form Feed Method: Tractor, Friction, Pin
 Forms Type Accepted: Fan fold, Roll, Cut sheet
 Price: \$2,500
 Distribution Method: End user
 Number Installed to Date: 500

TELEX COMPUTER

PRODUCTS, INC.

TELEX 281B

Print Mechanism: Nonimpact
 Print Technique: Ink-Jet
 Maximum Print Speed: 120 char./sec
 Maximum Characters Per Line: 132
 Optional Character Set Sizes: Variable

Character Code: Ascii, Ebcidic
 Communications Port: Parallel
 Form Feed Method: Tractor, Friction, Pin
 Forms Type Accepted: Fan fold, Roll
 Maximum Form Width: 10 in.
 Price: \$900
 Distribution Method: End user
 Number Installed to Date: 1,000 - 5,000
 Date First Installed: November 1981

TELEX COMPUTER

PRODUCTS, INC.

TELEX 287C

Print Mechanism: Nonimpact
 Print Technique: Ink-Jet
 Maximum Print Speed: 150 char./sec
 Maximum Characters Per Line: Variable
 Optional Character Set Sizes: Variable
 Character Code: Ascii, Ebcidic
 Form Feed Method: Tractor, Friction, Pin
 Forms Type Accepted: Fan fold, Roll, Cut sheet
 Maximum Form Width: 15 in.
 Price: \$5,340
 Number Installed to Date: 5,000 - 10,000
 Date First Installed: 1980
 (See Vendor Profile Page V-36)

TELEX COMPUTER

PRODUCTS, INC.

TELEX 287D

Print Mechanism: Nonimpact
 Print Technique: Ink-Jet
 Maximum Print Speed: 150 char./sec
 Maximum Characters Per Line: Variable
 Optional Character Set Sizes: Variable
 Character Code: Ascii, Ebcidic
 Form Feed Method: Tractor, Friction, Pin
 Forms Type Accepted: Fan fold, Roll, Cut sheet
 Maximum Form Width: 15 in.
 Price: \$5,150
 Distribution Method: End user
 Number Installed to Date: 1,000 - 5,000
 Date First Installed: September 1981

TEXAS INSTRUMENTS, INC.

OMNI 800/810

Print Mechanism: Impact
 Print Technique: Dot Matrix
 Maximum Print Speed: 150 char./sec
 Maximum Characters Per Line: 132
 Optional Character Set Sizes: 64, 96
 Character Code: Ascii
 Communications Port: Serial, Parallel
 Form Feed Method: Tractor
 Forms Type Accepted: Fan fold
 Maximum Form Width: 15 in.
 Price: \$1,645
 Distribution Method: End user, Third-party
 Date First Installed: June 1977
 (See Vendor Profile Page V-37)

TEXAS INSTRUMENTS, INC.

OMNI 800/820

Print Mechanism: Impact
 Print Technique: Dot Matrix

Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 218
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$1,995
Distribution Method: End user,
Third-party
Date First Installed: October 1978

TEXAS INSTRUMENTS, INC.
DM11 800/4550
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 134
Optional Character Set Sizes: 95
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 10 in.
Graphics Functions Supported:
Raster, Mosaic
Price: \$599
Distribution Method: End user,
Third-party
Date First Installed: May 1983

TEXAS INSTRUMENTS, INC.
DM11 800/ENHANCED 810
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 225 char./sec
Maximum Characters Per Line: 218
Optional Character Set Sizes: 95
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported:
Raster, Mosaic
Colors Supported: 1
Price: \$2,295
Distribution Method: End user,
Third-party
Date First Installed: May 1982

TEXAS INSTRUMENTS, INC.
SILENT 700/781R0
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64,
95
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$1,395
Distribution Method: End user,
Third-party
Date First Installed: May 1980
(See Vendor Profile Page V-37)

TRANS-LUX CORP.
TRANS-LUX 300
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 110 char./sec
Maximum Characters Per Line: 80

Communications Port: Serial
Price: \$2,865
Number Installed to Date: 500 -
1,000
Date First Installed: 1976
(See Vendor Profile Page V-37)

TRIFORMATION SYSTEMS, INC.
LED-120
Print Mechanism: Impact
Print Technique: Braille Pins
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii, Ebdic
Communications Port: Serial
Form Feed Method: Tractor
Maximum Form Width: 13 in.
Price: \$14,500
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: June 1970
(See Vendor Profile Page V-38)

WANG LABORATORIES, INC.
MODEL 2233R
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Continuous
Maximum Form Width: 15 in.
Price: \$3,500
Distribution Method: End user
Date First Installed: April 1981
(See Vendor Profile Page V-39)

WANG LABORATORIES, INC.
MODEL 2235R
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 220 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Continuous
Price: \$4,500
Distribution Method: End user
Date First Installed: April 1981

WANG LABORATORIES, INC.
MODEL 5533
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 113
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Continuous
Price: \$3,500
Distribution Method: End user
Date First Installed: April 1981

WANG LABORATORIES, INC.
MODEL 5535
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 220 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 113
Character Code: Ascii
Communications Port: Serial

Form Feed Method: Tractor
Forms Type Accepted: Continuous
Price: \$4,500
Distribution Method: End user
Date First Installed: April 1981

WANG LABORATORIES, INC.
MODEL 5577
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 192 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes:
Variable to 224
Character Code: Ascii, Ebdic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet,
Continuous
Price: \$5,975
Distribution Method: End user
Date First Installed: May 1982

WEBER MARKING SYSTEMS
LEGITRONICS 2050
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 229
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 15 in.
Price: \$14,500
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: November 1981
(See Vendor Profile Page V-39)

WESTREX OEM PRODUCTS
MODEL 8400
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 140 char./sec
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 8 in.
Price: \$750
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: January 1983
(See Vendor Profile Page V-39)

WORLD STORAGE TECHNOLOGY, LTD.
2712
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 270 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor,
Friction, Pin
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 16 in.
Graphics Functions Supported:
Raster Scan, Bit Image Graphics
Price: \$2,700
Date First Installed: May 1982
(See Vendor Profile Page V-39)

WORLD STORAGE TECHNOLOGY LTD.
PT 88
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Roll, Cut
sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: Bit
Image
Price: \$895
Distribution Method: End user, OEM
Date First Installed: April 1983

ZENITH DATA SYSTEMS
ZENITH Z-125 DOT MATRIX
PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 8 in.
Price: \$1,499
Distribution Method: OEM, Third-party
Date First Installed: 1981
(See Vendor Profile Page V-40)

ZENITH RADIO CORP.
Z-125
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 158
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$1,499
Distribution Method: Third-party
(See Vendor Profile Page V-40)

Print Speeds Under 100 Char./Sec

ADDMASTER CORP.
MODEL 58
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 3 char./sec
Maximum Characters Per Line: 16
Optional Character Set Sizes: 11
Character Code: BCD
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$110
Distribution Method: OEM
Number Installed to Date: More
than 50,000
Date First Installed: June 1956
(See Vendor Profile Page V-1)

ADDMASTER CORP.
MODEL 156
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 3 char./sec

Maximum Characters Per Line: 16
Optional Character Set Sizes: 11
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$352
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: March 1985

ADDMASTER CORP.
MODEL 171/172
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 2 char./sec
Maximum Characters Per Line: 18
Optional Character Set Sizes: 96
Character Code: Ascii, Baudot
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$345
Number Installed to Date: 100 - 500
Date First Installed: November 1981

ADDMASTER CORP.
MODEL 181/182
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 1 char./sec
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$459
Date First Installed: July 1983

ALPHACOM, INC.
ALPHACOM 42
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 9 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 1
Price: \$220
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: March 1982
(See Vendor Profile Page V-1)

ALPHACOM, INC.
VP42
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 96
Character Code: Ascii
Forms Type Accepted: Fan fold, Roll
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 1
Price: \$210
Distribution Method: End user, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: January 1983

AMERICAN COMMUNICATIONS CORP.
AMCON/P
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 40
Character Code: Ascii
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 4 in.
Graphics Functions Supported: Graphic Option
Price: \$600
Distribution Method: End user, Third-party
Number Installed to Date: 100 - 500
Date First Installed: November 1982
(See Vendor Profile Page V-2)

APPLE COMPUTER, INC.
APPLE LETTER QUALITY PRINTER
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 198
Optional Character Set Sizes: 130
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Standard Graphics
Colors Supported: 1
Price: \$2195
Distribution Method: Third-party
Date First Installed: January 1983
(See Vendor Profile Page V-3)

APPLE COMPUTER, INC.
APPLE SILENTTYPE II PRINTER
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Graphics Functions Supported: High Resolution
Colors Supported: 1
Price: \$350
Distribution Method: Third-party
Date First Installed: 1979

APPLE COMPUTER, INC.
APPLE SILENTTYPE III PRINTER
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Graphics Functions Supported: High Resolution
Colors Supported: 1
Price: \$390
Distribution Method: Third-party
Date First Installed: 1979

ATARI, INC.
1020 COLOR PRINTER
Print Mechanism: Impact
Print Technique: Pens

Maximum Print Speed: 10 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Graphics Functions Supported: Graphs, Charts, Curves
Colors Supported: 4
Price: \$299
Distribution Method: Third-party
(See Vendor Profile Page V-4)

ATARI, INC.
1025
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$549
Distribution Method: Third-party

ATARI, INC.
1027
Print Mechanism: Impact
Print Technique: Letter Quality
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$350
Distribution Method: Third-party

AUTOMATIC FUNDS TRANSFER SERVICES, INC.
AFT 100 MICRO PRINTER
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Continuous
Maximum Form Width: 16 in.
Price: \$12,500
Distribution Method: End user
Date First Installed: 1977
(See Vendor Profile Page V-4)

AXIOM CORP.
GP-100A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Maximum Form Width: 10 in.
Price: \$266
Distribution Method: End user, OEM, Third-party
(See Vendor Profile Page V-4)

AXIOM CORP.
GP-250X
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 50 char./sec

Maximum Characters Per Line: 80
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Maximum Form Width: 10 in.
Price: \$339
Distribution Method: End user, OEM, Third-party

AXIOM CORP.
IMP-4 PROFESSIONAL PRINTER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Roll
Maximum Form Width: 10 in.
Price: \$749
Distribution Method: End user, OEM, Third-party
Date First Installed: 1979

BD5 CORP.
LQ55
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Distribution Method: End user
Date First Installed: 1983
(See Vendor Profile Page V-4)

BILLINGS COMPUTER CORP.
P45
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$1,995
Distribution Method: End user, Third-party
(See Vendor Profile Page V-5)

BRAEGER CORP.
3125
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 14 in.
Distribution Method: End user
Date First Installed: March 1973
(See Vendor Profile Page V-5)

Serial Printers

Under 100 char./sec

BROTHER INTERNATIONAL CORP.

HR-1 DAISYWHEEL PRINTER
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 16 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$1,200
Distribution Method: Third-party
Number Installed to Date: 47,000
Date First Installed: February 1982
(See Vendor Profile Page V-5)

BROTHER INTERNATIONAL CORP.

HR-15 DAISYWHEEL PRINTER
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 13 char./sec
Maximum Characters Per Line: 110
Optional Character Set Sizes: 96
Communications Port: Serial, Parallel
Form Feed Method: Friction, Tractor F
Forms Type Accepted: Fan fold, Cut Sheet
Maximum Form Width: 14 in.
Colors Supported: 2
Price: \$599
Distribution Method: Third-party
Date First Installed: May 1983

BUSINESS INFORMATION SYSTEMS, INC.

C-4040
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 132 in.
Price: \$2,000
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1981
(See Vendor Profile Page V-5)

BUSINESS INFORMATION SYSTEMS, INC.

C-4055
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 132 in.
Price: \$2,500
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1981

BUSINESS INFORMATION SYSTEMS, INC.

C-4180
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 132 in.
Price: \$1,600
Distribution Method: End user, OEM
Date First Installed: 1981

CANON U.S.A., INC.

A 1210
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Colors Supported: 7
Price: \$795
(See Vendor Profile Page V-6)

CAPITOL CIRCUITS CORP.

SERIES S100
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Print Speed: 144 line/min
Maximum Characters Per Line: 27
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Colors Supported: 2
Price: \$460
Distribution Method: End user, OEM
Number Installed to Date: 2,500
Date First Installed: 1979
(See Vendor Profile Page V-6)

CAPITOL CIRCUITS CORP.

SERIES 100T
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Print Speed: 144 line/min
Maximum Characters Per Line: 27
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Colors Supported: 2
Price: \$660
Distribution Method: End user, OEM
Number Installed to Date: 1,800
Date First Installed: 1981

CAPITOL CIRCUITS CORP.

SERIES 370
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Print Speed: 144 line/min
Maximum Characters Per Line: 27
Optional Character Set Sizes: 96
Character Code: Ascii

Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Price: \$650
Distribution Method: End user, OEM
Number Installed to Date: 1,000
Date First Installed: September 1980

COMPUTER DESIGNED SYSTEMS, INC.

PM-080
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 2
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000
Date First Installed: September 1977
(See Vendor Profile Page V-8)

COMPUTER DESIGNED SYSTEMS, INC.

PM-200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported: Arcs, Patterns, Curves, Charts
Colors Supported: 2
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000
Date First Installed: June 1977

COMPUTERS INTERNATIONAL DAISYWHEEL

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 25 char./sec
Maximum Characters Per Line: 98
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 17 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 1
Price: \$1,495
Distribution Method: Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: June 1982
(See Vendor Profile Page V-9)

COMREX INTERNATIONAL COMREX CR-I

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 17 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$995
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: May 1982

COMREX INTERNATIONAL COMREX CR-I COMRITER

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 17 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$1,019
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: May 1982

COMREX INTERNATIONAL COMREX CR-II

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 13 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$599
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: May 1983

COMREX INTERNATIONAL COMREX CR-II COMRITER

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 13 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$629
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: May 1983

CROMENCO, INC. 3358

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 55 char./sec

Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$3,495
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: 1977
(See Vendor Profile Page V-9)

CROMEMCO, INC.
CLQ
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 13 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 10 in.
Price: \$795
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: December 1982

DATA IMPACT PRODUCTS, INC.
DIP-31A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction, Tractor
CP
Forms Type Accepted: Roll
Maximum Form Width: 10 in.
Price: \$499
Distribution Method: End user, OEM, Third-party
Date First Installed: June 1982
(See Vendor Profile Page V-10)

DATA IMPACT PRODUCTS, INC.
DIP-84G
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 10 in.
Price: \$695
Date First Installed: June 1982

DATA IMPACT PRODUCTS, INC.
DIP-82
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction, Tractor
Optional
Forms Type Accepted: Roll
Maximum Form Width: 10 in.
Price: \$399

Distribution Method: End user, OEM, Third-party
Date First Installed: June 1982

DATA IMPACT PRODUCTS, INC.
D-92
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Price: \$399
Distribution Method: OEM

DATAPRODUCTS CORP.
DP-35
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Sheet Feed
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Charts
Colors Supported: 2
Price: \$1,995
Distribution Method: OEM, Third-party
Date First Installed: 1982
(See Vendor Profile Page V-11)

DATAPRODUCTS CORP.
DP-55
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 158
Standard Character Set Size: 96
Optional Character Set Sizes: 88 through 92
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Charts
Colors Supported: 2
Price: \$2,495

DATA TERMINALS & COMMUNICATIONS
DTC 3802
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 32 char./sec
Maximum Characters Per Line: 196
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Sheet Feed
Forms Type Accepted: Fan fold, Roll
Price: \$1,495
Distribution Method: Third-party
Number Installed to Date: 1,500
Date First Installed: October 1982
(See Vendor Profile Page V-11)

DIABLO SYSTEMS, INC.
820
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 25 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Distribution Method: Third-party
Date First Installed: October 1981
(See Vendor Profile Page V-12)

DIABLO SYSTEMS, INC.
820 PLUS
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 25 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Price: \$2,100
Distribution Method: Third-party
Date First Installed: December 1982

DIABLO SYSTEMS, INC.
830
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 198
Standard Character Set Size: 96
Optional Character Set Sizes: 48, 64, 88, 92
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Distribution Method: Third-party
Date First Installed: October 1980

DIABLO SYSTEMS, INC.
COLOR INK JET PRINTER
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Optional Character Set Sizes: 64, Mosaic
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported: Mosaic Graphics, Bit Map Graphics
Price: \$1,300
Distribution Method: Third-party
Date First Installed: June 1983

DIABLO SYSTEMS, INC.
MATRIX 11
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Standard Character Set Size: 96
Optional Character Set Sizes: 64, Character Code: Ascii
Communications Port: Serial, Parallel

Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 10 in.
Distribution Method: Third-party
Date First Installed: September 1982

DIABLO SYSTEMS, INC.
MATRIX 11A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Standard Character Set Size: 96
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Distribution Method: Third-party
Date First Installed: 1983

DIABLO SYSTEMS, INC.
MODEL 31
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$950
Distribution Method: Third-party
Date First Installed: September 1982

DIABLO SYSTEMS, INC.
MODEL 31A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Distribution Method: Third-party
Date First Installed: 1983

DICTAPHONE CORP.
DICTAPHONE 6710
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 204
Optional Character Set Sizes: 124
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,200
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: September 1981
(See Vendor Profile Page V-12)

Serial Printers

Under 100 char./sec

DICTAPHONE CORP.

DICTAPHONE 6720
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 204
Optional Character Set Sizes: 125
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,995
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: October 1981

DIGITAL EQUIPMENT CORP.

LA50
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported: Bit Map Graphics
Price: \$695
Distribution Method: End user, OEM, Third-party

DIGITAL EQUIPMENT CORP.

LOPU2 LETTER-QUALITY PRINTER
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 32 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128, Variable
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,800
Distribution Method: End user, OEM, Third-party

DIGITEC

BENCHTOP 6300 SERIES
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 64 char./sec
Maximum Characters Per Line: 21
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$1,000
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1978
(See Vendor Profile Page V-13)

DIGITEC

DESKTOP 6400 SERIES
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 42 char./sec
Maximum Characters Per Line: 21
Optional Character Set Sizes: 64
Character Code: Ascii

Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$400
Distribution Method: End user, OEM
Number Installed to Date: 5,000 - 10,000
Date First Installed: 1978

DIGITEC

DIGITAL RECORDER 6100 SERIES
Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 10
Character Code: Ebdic
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 2 in.
Colors Supported: 2
Price: \$1,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1976

DIGITEC

PANEL PRINTER 6500 SERIES
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Print Technique: F
Maximum Print Speed: 42 char./sec
Maximum Characters Per Line: 21
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$475
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: 1980

DIGITEC

PRINTER 6620
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 2 char./sec
Maximum Characters Per Line: 24
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Graphics Functions Supported: Charts, Curves, Designs, Histograms, Logos
Price: \$495
Distribution Method: End user, OEM
Date First Installed: June 1983

DIGITEC

PRINTER 6630
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 22 char./sec
Maximum Characters Per Line: 16-8
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Graphics Functions Supported: Charts, Curves, Designs, Histograms, Logos
Colors Supported: 1

Price: \$665
Distribution Method: End user, OEM
Date First Installed: August 1983

DOCUTEL OLIVETTI CORP.

DY 211
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 27 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96, 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction, Optional Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$1,595
Distribution Method: Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-13)

DOCUTEL OLIVETTI CORP.

DY 250
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 25 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Price: \$1,200
Distribution Method: OEM, Third-party
Date First Installed: June 1983

DOCUTEL OLIVETTI CORP.

ET 121 (LCU1131)
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 17 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96, 80, 132
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction, Optional Tractor
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$995
Distribution Method: Third-party
Date First Installed: January 1981

DOCUTEL OLIVETTI CORP.

ET 231 (LCU310)
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 27 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96, 132
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,770
Distribution Method: Third-party

DOCUTEL OLIVETTI CORP.

ET 351 (LCU340)
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96, 132

Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$4,800
Date First Installed: January 1981

DOCUTEL OLIVETTI CORP.

PRAXIS 41 (LSU41)
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 12 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96, 132
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 10 in.
Price: \$795
Distribution Method: Third-party
Date First Installed: July 1982

EATON PRINTER PRODUCTS

7000 +
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 50 char./sec
Maximum Characters Per Line: 64
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 4 in.
Price: \$425
Date First Installed: June 1979
(See Vendor Profile Page V-14)

EPSON AMERICA, INC.

COMETER
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 17 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Colors Supported: 2
Price: \$1,100
Distribution Method: Third-party
(See Vendor Profile Page V-14)

EPSON AMERICA, INC.

MX-80 FT
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Graphics Functions Supported: Curves, Patterns, Charts
Colors Supported: 2
Price: \$695

EXXON ENTERPRISES

965
Print Mechanism: Nonimpact
Print Technique: Ink-Jet

Maximum Print Speed: 90 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96, 192
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 17 in.
Price: \$4,400
(See Vendor Profile Page V-15)

EXXON ENTERPRISES

9653
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 90 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96, 192
Communications Port: Serial
Price: \$6,000

FACIT, INC.
FACIT 4560

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 22 char./sec
Maximum Characters Per Line: 130
Optional Character Set Sizes: 105 to 112
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Cut Sheet
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Colors Supported: 1
Price: \$1,395
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: September 1982
(See Vendor Profile Page V-15)

FACIT, INC.
FACIT 4565

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Cut Sheet
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Colors Supported: 1
Price: \$1,895
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000

FUJITSU AMERICA, INC.

BP 320
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 48 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96, 127
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin, Sheet Feed
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: Subscripts, Superscripts, Curves

Colors Supported: 2
Price: \$1,595
Distribution Method: OEM, Third-party
Date First Installed: September 1983
(See Vendor Profile Page V-15)

FUJITSU AMERICA, INC.

SP 830
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 163
Optional Character Set Sizes: 96, 127
Communications Port: Serial
Form Feed Method: Tractor, Friction
Maximum Form Width: 16 in.
Graphics Functions Supported: Plotting
Price: \$2,950
Distribution Method: OEM, Third-party
Date First Installed: May 1981

GENERAL BUSINESS TECHNOLOGY, INC.

5205WP
Print Mechanism: Print Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 198
Optional Character Set Sizes: 128
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$4,295
Distribution Method: End user, Third-party
Date First Installed: 1980
(See Vendor Profile Page V-15)

GENERAL BUSINESS TECHNOLOGY, INC.

5206WP
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 198
Optional Character Set Sizes: 128
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Distribution Method: End user, Third-party
Date First Installed: 1981

HEWLETT-PACKARD CO.
HP 2601

Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Automatic
Maximum Form Width: 15 in.
Price: \$3,520
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000
Date First Installed: November 1980
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.
HP 2602

Print Mechanism: Impact

Print Technique: Daisywheel
Maximum Print Speed: 25 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Automatic
Forms Type Accepted: Fan fold
Price: \$1,950
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000
Date First Installed: November 1982

HIG / AMS CONTROL CORP.

9/80 P5F
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 75 char./sec
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Graphics Functions Supported: Arcs, Curves, Patterns, Charts
Colors Supported: 1
Price: \$1,195
Distribution Method: OEM, Third-party
Date First Installed: September 1981
(See Vendor Profile Page V-17)

HONEYWELL, INC.

PRU 7004/7006
Print Mechanism: Impact
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Form Feed Method: Tractor, Friction, Sheet Feed
Forms Type Accepted: Cut sheet
Maximum Form Width: 16 in.
(See Vendor Profile Page V-17)

HONEYWELL, INC.

PRU 7007
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 136
Standard Character Set Size: 128
Character Code: Ascii
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.

HONEYWELL, INC.

PRU 7060/7061
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.

HONEYWELL, INC.

PRU 7065/7066
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Form Feed Method: Sprocket

Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.

HONEYWELL, INC.

PRU 7070/7071
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Graphics Functions Supported: Line Graphics
Price: \$1,195
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: December 1981

HONEYWELL, INC.
PRU 7075/7076

Print Mechanism: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Line Graphics
Price: \$1,495
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: December 1981

IBM

4975 1L
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 192
Optional Character Set Sizes: 128
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet, Forms
Maximum Form Width: 15 in.
Price: \$2,800
Distribution Method: End user
(See Vendor Profile Page V-17)

IBM

5210
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 198
Optional Character Set Sizes: 96
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Bar Charts, Pie Charts
Price: \$3,530
Distribution Method: End user
Date First Installed: September 1980

IBM

5218
Print Mechanism: Impact

Serial Printers

Under 100 char./sec

Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 96
Standard Character Set Size: 98
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor,
 Automatic feed
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported:
 Charts
Price: \$3,300
Distribution Method: End user
Date First Installed: March 1980

IBM
5219
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 60 char./sec
Maximum Characters Per Line: 98
Standard Character Set Size: 96
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 12 in.
Graphics Functions Supported:
 Charts
Price: \$5,835
Distribution Method: End user
Date First Installed: March 1980

IBM
5222-1
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Optional Character Set Sizes: 185
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Price: \$2,345
Distribution Method: End user
Date First Installed: May 1981

IBM
5241
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 138
Standard Character Set Size: 96
Optional Character Set Sizes: 128
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Price: \$2,040
Distribution Method: End user
Date First Installed: July 1981

IBM
5256-1
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Optional Character Set Sizes: 84
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.

Price: \$4,145
Distribution Method: End user
Date First Installed: January 1978

IBM
5256-2
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Optional Character Set Sizes: 84
Character Code: Ebdic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Price: \$4,340
Distribution Method: End user
Date First Installed: January 1978

INTERFACE SYSTEMS, INC.
MODEL 736
Print Mechanism: Impact
Print Technique: Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 163
Optional Character Set Sizes: 167
Character Code: Ebdic
Form Feed Method: Tractor,
 Friction, Twin Bin feed
Forms Type Accepted: Fan fold,
 Roll, Cut sheet
Maximum Form Width: 16 in.
Price: \$5,150
Distribution Method: End user
Number Installed to Date: 300
Date First Installed: August 1982
 (See Vendor Profile Page V-19)

ITT COURIER TERMINAL
SYSTEMS, INC.
8760
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Form Feed Method: Tractor,
 Friction, Pin
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
 (See Vendor Profile Page V-20)

JAPAN DIGITAL LABORATORY
JDL P200
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 70 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
 Parallel
Form Feed Method: Automatic
Forms Type Accepted: Fan fold,
 Cut sheet
Graphics Functions Supported:
 Arcs, Three-Dimensional, Curves,
 Charts, Patterns
Price: \$2,000
Distribution Method: OEM
Date First Installed: January 1982
 (See Vendor Profile Page V-21)

JEKI AMERICA
MODEL 6100
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 18 char./sec
Maximum Characters Per Line: 220
Optional Character Set Sizes: 100

Character Code: Ascii
Communications Port: Serial,
 Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 13 in.
Price: \$699
Distribution Method: Third-party
Date First Installed: July 1983
 (See Vendor Profile Page V-21)

LEADING EDGE PRODUCTS,
INC.
STARWRITER F10-40PU
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 136
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction, Tractor
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Price: \$1,695
Distribution Method: OEM, Third-party
Date First Installed: 1982
 (See Vendor Profile Page V-21)

LEADING EDGE PRODUCTS,
INC.
STARWRITER F10-40RU
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 136
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction, Tractor
Optional
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Price: \$1,895
Distribution Method: OEM, Third-party
Date First Installed: 1982

MICRO PERIPHERALS, INC.
PRINTMATE 99
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100
 char./sec
Maximum Characters Per Line: 96
Character Code: Ascii
Communications Port: Serial,
 Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
 Roll, Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported:
 Plotting, Logos, Screen Graphics
Price: \$599
Distribution Method: Third-party
Number Installed to Date: 1,000 -
 5,000
Date First Installed: August 1981
 (See Vendor Profile Page V-24)

MITSUBISHI ELECTRONICS
AMERICA, INC.
M4234 COLOR PRINTER
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
 Parallel

Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported:
 Arbitrary Bit Mapping
Price: \$1,050
Distribution Method: OEM, Third-party
Date First Installed: August 1983
 (See Vendor Profile Page V-25)

MOHAWK DATA SCIENCES
CORP.
2141
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
 Parallel
Form Feed Method: Tractor,
 Friction, Pin
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Price: \$4,293
Distribution Method: End user,
 OEM, Third-party
 (See Vendor Profile Page V-25)

MOHAWK DATA SCIENCES
CORP.
2141-1
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
 Parallel
Form Feed Method: Tractor,
 Friction, Pin
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Price: \$4,980
Distribution Method: End user,
 OEM, Third-party

MOHAWK DATA SCIENCES
CORP.
2141-3
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
 Parallel
Form Feed Method: Tractor,
 Friction, Pin
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 16 in.
Price: \$3,550
Distribution Method: End user,
 OEM, Third-party
 (See Vendor Profile Page V-25)

NEC INFORMATION SYSTEMS
MODEL 2000R TERMINAL
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,

Roll, Cut sheet
Maximum Form Width: 16 in.
Price: \$995
Distribution Method: Third-party
(See Vendor Profile Page V-26)

NEC INFORMATION SYSTEMS
SPINWRITER 3500 SERIES
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Price: \$1,750
Distribution Method: Third-party

NEC INFORMATION SYSTEMS
SPINWRITER 7700D
Print Mechanism: Impact
Print Technique: Printer Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction, Cut Sheet
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: High Resolution, Fine-Line Plotting
Price: \$2,535
Distribution Method: Third-party
Date First Installed: 1978

NEC INFORMATION SYSTEMS
SPINWRITER 7700Q
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction, Cut Sheet
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: High Resolution, Fine Line Plotting
Price: \$2,535
Distribution Method: Third-party
Date First Installed: 1978

NEC INFORMATION SYSTEMS
SPINWRITER MODEL 7710
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Cut Sheet
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Full Graphics
Price: \$3,055
Distribution Method: Third-party
Date First Installed: 1977

NEC INFORMATION SYSTEMS
SPINWRITER 7715
Print Mechanism: Impact
Print Technique: Printer Thimble

Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Cut Sheet
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Full Graphics
Price: \$2,500
Distribution Method: Third-party
Date First Installed: 1977

NEC INFORMATION SYSTEMS
SPINWRITER 7730
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction, Cut Sheet
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Full Graphic Capabilities
Price: \$3,055
Distribution Method: Third-party

NEWPORT ELECTRONICS, INC.
ELECTRONIC 820
Print Technique: Thermal Matrix
Maximum Print Speed: 2 char./sec
Maximum Characters Per Line: 20
Optional Character Set Sizes: Numeric
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$649
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1982
(See Vendor Profile Page V-26)

NEWPORT ELECTRONICS, INC.
ELECTRONIC 821
Print Technique: Thermal Matrix
Maximum Print Speed: 2 char./sec
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$649
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1982

NEWPORT ELECTRONICS, INC.
ELECTRONIC 822
Print Technique: Thermal Matrix
Maximum Print Speed: 2 char./sec
Maximum Characters Per Line: 20
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Price: \$649

Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1983

NIXDORF COMPUTER CORP.
515 TERMINAL PRINTER
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii, Ebcidic
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$5,120
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1978
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.
835
Print Mechanism: Impact
Print Technique: Needle
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Maximum Form Width: 15 in.
Price: \$3,950
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: June 1981

NIXDORF COMPUTER CORP.
837
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Price: \$5,000
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1979

NIXDORF COMPUTER CORP.
834S
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold
Price: \$5,120
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1978

NIXDORF COMPUTER CORP.
8350
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction

Forms Type Accepted: Fan fold
Price: \$3,950
Distribution Method: End user
Date First Installed: 1978

NIXDORF COMPUTER CORP.
804S
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$5,120
Distribution Method: End user
Date First Installed: 1979

NIXDORF COMPUTER CORP.
8287-10A
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 11 in.
Price: \$3,550
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: February 1981

NIXDORF COMPUTER CORP.
8287-10B
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 132
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$3,950
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: February 1981

NIXDORF COMPUTER CORP.
8321
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$5,120
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: September 1982

NIXDORF COMPUTER CORP.
8341
Print Mechanism: Impact
Print Technique: Needle
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Price: \$1,700
Distribution Method: Third-party

Serial Printers

Under 100 char./sec

Date First Installed: September 1983

MIXDORF COMPUTER CORP.

8735
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$5,120
Distribution Method: End user
Date First Installed: February 1983

OKIDATA CORP.

MICROLINE 90
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 10 in.
Price: \$449
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-27)

OLYMPIA U.S.A., INC.

ESW 102
Print Technique: Daisywheel
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 141
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Sheet Feed
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 17 in.
Price: \$1,399
Distribution Method: OEM, Third-party
Date First Installed: April 1982
(See Vendor Profile Page V-27)

OLYMPIA U.S.A., INC.

ESW 3000
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 150
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 17 in.
Graphics Functions Supported: Curves
Price: \$1,899
Distribution Method: OEM, Third-party
Date First Installed: March 1983

OPE PRINTERS, INC.

DY 250
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 25 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 307
Teletext
Character Code: Ascii

Communications Port: Serial, Parallel

Form Feed Method: Tractor, Friction, Pin, Feed
Forms Type Accepted: Cut sheet
Maximum Form Width: 16 in.
Price: \$1,200
Distribution Method: OEM
Date First Installed: June 1983
(See Vendor Profile Page V-27)

OPE PRINTERS, INC.

D4250
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 25 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 17 in.
Price: \$795
Distribution Method: OEM
Date First Installed: June 1983

PANASONIC INDUSTRIAL CO.

KX-1090
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 10 in.
Graphics Functions Supported: Curves, Patterns, Arcs
Price: \$499
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: March 1983
(See Vendor Profile Page V-27)

PERKIN-ELMER CORP.

855
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 8 in.
Price: \$1,460
Distribution Method: End user
(See Vendor Profile Page V-28)

PRIMAGES, INC.

IMAGE I
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 135
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction, Automatic Sheet Feed
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported:

Arcs, Charts, Patterns, Plotter

Price: \$1,650
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: January 1983
(See Vendor Profile Page V-29)

PRINTACOLOR CORP.

GP 1024
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 60 char./sec
Maximum Characters Per Line: 120
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Colors Supported: 8
Price: \$5,495
Distribution Method: OEM, Third-party
Number Installed to Date: 350
Date First Installed: September 1982
(See Vendor Profile Page V-29)

PRINTACOLOR CORP.

IS8001
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64, 128, Variable
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Pin
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Plotting, Character Graph
Colors Supported: 8
Price: \$4,495
Distribution Method: OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1980

PRINTACOLOR CORP.

PRINTACOLOR PG-1000
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96, 256
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Colors Supported: 16
Price: \$4,995
Distribution Method: OEM, Third-party
Number Installed to Date: 25
Date First Installed: September 1982

PRINTACOLOR CORP.

TC1040
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 100 char./sec
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Pin
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 14 in.

Graphics Functions Supported:

Fully Dot Addressable
Colors Supported: 7
Price: \$5,495
Distribution Method: End user, Third-party
Number Installed to Date: Under 100
Date First Installed: June 1983

QUME CORP.

SPRINT 7
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,500
Distribution Method: OEM
Date First Installed: January 1982
(See Vendor Profile Page V-30)

QUME CORP.

SPRINT 8/35
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,500
Distribution Method: OEM
Date First Installed: December 1982

QUME CORP.

SPRINT 8/50
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 50 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$2,500
Distribution Method: OEM
Date First Installed: December 1982

QUME CORP.

SPRINT 9
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 5 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 94
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$2,250
Distribution Method: OEM
Date First Installed: 1982

QUME CORP.

SPRINT 10/35
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96

Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$2,500
Distribution Method: OEM
Date First Installed: June 1982

QUME CORP.
SPRINT 10/50
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 50 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Price: \$2,500
Distribution Method: OEM
Date First Installed: June 1982

QUME CORP.
SPRINT 11/40-130 PLUS
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 130
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 1
Price: \$1,990
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1983

QUME CORP.
SPRINT 11/40-130 WT PLUS
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 293
Optional Character Set Sizes: 130
Character Code: Ascii
Communications Port: Serial, Parallel
Maximum Form Width: 22 in.
Graphics Functions Supported: Dot Addressable
Colors Supported: 1
Price: \$2,965
Number Installed to Date: 1,000 - 5,000

QUME CORP.
SPRINT 11/40 PLUS
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$1,776
Distribution Method: OEM
Date First Installed: December 1982

QUME CORP.
SPRINT 11/40 PLUS
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Price: \$1,776
Distribution Method: OEM
Date First Installed: December 1982

QUME CORP.
TWIN TRACK
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 75 char./sec
Maximum Characters Per Line: 264
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 28 in.
Price: \$4,000
Distribution Method: OEM
Date First Installed: September 1979

Q1 CORP.
201
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Price: \$5,000
Distribution Method: End user, Third-party
Date First Installed: 1976
(See Vendor Profile Page V-30)

Q1 CORP.
205
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 96 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 97
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Distribution Method: End user, Third-party
Date First Installed: 1980

RACAL-DANA INSTRUMENTS, INC.
1601 THERMAL
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 3 char./sec
Maximum Characters Per Line: 64
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$1,300
Number Installed to Date: 100 - 500
Date First Installed: June 1980
(See Vendor Profile Page V-30)

RACAL-DANA INSTRUMENTS, INC.
1002-THERMAL
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 3 char./sec
Maximum Characters Per Line: 64
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 3 in.
Price: \$1,600
Number Installed to Date: 100 - 500
Date First Installed: June 1980

RICOH OF AMERICA
1200
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 165
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported: Charts
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: April 1983
(See Vendor Profile Page V-31)

RICOH OF AMERICA
1300
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 165
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet
Maximum Form Width: 17 in.
Graphics Functions Supported: Charts
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: July 1983

RICOH OF AMERICA
1600
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 45 char./sec
Maximum Characters Per Line: 165
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet
Maximum Form Width: 16 in.
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: June 1983

RICOH OF AMERICA
RICOH LP 212
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 12 char./sec
Standard Character Set Size: 68
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor,

Friction, Pin
Forms Type Accepted: Cut sheet
Maximum Form Width: 14 in.
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: February 1983

SANYO BUSINESS SYSTEMS CORP.
SANYO PR 5500
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 16 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Communications Port: Parallel
Form Feed Method: Tractor
Maximum Form Width: 17 in.
Price: \$995
Distribution Method: OEM
Number Installed to Date: 500 - 1,000
Date First Installed: March 1983
(See Vendor Profile Page V-31)

SCM CORP.
TP-1 (SERIES)
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 12 char./sec
Maximum Characters Per Line: 105
Optional Character Set Sizes: 88
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 13 in.
Graphics Functions Supported: Plotting
Price: \$895
Distribution Method: Third-party
Date First Installed: September 1982
(See Vendor Profile Page V-32)

SILVER-REED AMERICA, INC.
EXP 500
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 14 char./sec
Maximum Characters Per Line: 101
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 13 in.
Date First Installed: July 1983
(See Vendor Profile Page V-32)

SILVER-REED AMERICA, INC.
EXP 500 II
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 17 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 14 in.
Price: \$895
Distribution Method: OEM, Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: February 1983

Serial Printers

Under 100 char./sec

SINGER DATA PRODUCTS

5010
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 4 in.
Price: \$1,075
Distribution Method: End user, OEM
Date First Installed: 1975
(See Vendor Profile Page V-32)

SINGER DATA PRODUCTS

5011
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial
Form Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 4 in.
Price: \$1,075
Distribution Method: End user, OEM
Date First Installed: 1975

SINGER DATA PRODUCTS

5012
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 4 in.
Price: \$1,075
Distribution Method: End user, OEM
Date First Installed: 1975

SINGER DATA PRODUCTS

5080
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction, Sprocket
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: All
Price: \$995
Distribution Method: End user, OEM
Date First Installed: 1979

SONY COMMUNICATIONS PRODUCTS CO.

SONY COMPACT PRINTER
Print Mechanism: Nonimpact
Print Technique: Thermal Ribbon
Maximum Print Speed: 15 char./sec
Maximum Characters Per Line: 80
Form Feed Method: Tractor
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$280

Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: July 1982
(See Vendor Profile Page V-32)

STAR MICRONICS, INC.

GEMINI-10
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 96
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported: Block Graphics
Price: \$499
Distribution Method: Third-party
Number Installed to Date: More than 50,000
Date First Installed: November 1982
(See Vendor Profile Page V-33)

STAR MICRONICS, INC.

GEMINI-15
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: Block Graphics
Price: \$645
Distribution Method: Third-party
Number Installed to Date: More than 50,000
Date First Installed: November 1982

SYNTEST CORP.

SYNTEST SP-2000
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$925
Distribution Method: OEM
(See Vendor Profile Page V-33)

TANDY CORP.

CGP115
Print Mechanism: Impact
Print Technique: Ball Point
Maximum Print Speed: 12 char./sec
Maximum Characters Per Line: 40
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Colors Supported: 4
Price: \$200

Distribution Method: End user, OEM, Third-party
Date First Installed: 1982
(See Vendor Profile Page V-34)

TANDY CORP.

CGP220
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Print Speed: 37 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96, 30, 32
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Graphics Functions Supported: RS Bit Image Graphics
Colors Supported: 7
Price: \$699
Distribution Method: End user, OEM, Third-party
Date First Installed: 1983

TANDY CORP.

DMP100
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 50 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Graphics Functions Supported: RS Bit Image Graphics
Price: \$399
Distribution Method: End user, OEM, Third-party
Date First Installed: 1982

TANDY CORP.

DWIB
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 43 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 124
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet, Envelope Feed
Maximum Form Width: 14 in.
Price: \$1,995
Distribution Method: End user, OEM, Third-party

TANDY CORP.

DWP210
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 18 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 100
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 13 in.
Price: \$799
Distribution Method: End user, OEM, Third-party
Date First Installed: April 1983

TANDY CORP.

DWP410
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec

Maximum Characters Per Line: 136
Optional Character Set Sizes: 124
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 14 in.
Price: \$1,295
Distribution Method: End user, OEM, Third-party
Date First Installed: 1982

TANDY CORP.

TP10
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 32
Optional Character Set Sizes: 96, 16
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 4 in.
Price: \$100
Distribution Method: End user, OEM, Third-party
Date First Installed: 1983

TDC

GPM 40
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 40
Character Code: Ascii
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 10 in.
Graphics Functions Supported: Curves, Patterns, Three Dimensional, Charts
Colors Supported: 1
Price: \$180
Distribution Method: End user
Number Installed to Date: 5,000 - 10,000
Date First Installed: January 1981
(See Vendor Profile Page V-34)

TDC

GPM 80
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 100 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Colors Supported: 1
Price: \$235
Distribution Method: End user
Number Installed to Date: 40,000
Date First Installed: September 1979

TEXAS INSTRUMENTS, INC.

SILENT 700/743R0
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$895



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Serial Printers

Under 100 char./sec • Unspecified Speeds

Distribution Method: End user,
Third-party
Date First Installed: January 1976
(See Vendor Profile Page V-37)

3M
TREND/COM MODEL 150
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Graphics Functions Supported:
Graphs, Special Symbols, Line
Drawings, Foreign Languages
Symbols, Bar Charts
Price: \$259
Distribution Method: Third-party
Date First Installed: May 1983
(See Vendor Profile Page V-37)

3M
TREND/COM MODEL 151
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 4 in.
Graphics Functions Supported:
Graphs, Line Drawings, Bar Charts,
Special Symbols, Foreign Language
Symbols
Price: \$249
Distribution Method: Third-party
Date First Installed: May 1983

3M
TREND/COM MODEL 250
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Graphics Functions Supported:
Graphs, Line Drawings, Bar Charts,
Special Symbols, Foreign Language
Symbols
Price: \$299
Distribution Method: Third-party
Date First Installed: May 1983

3M
TREND/COM MODEL 251
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Graphics Functions Supported:
Graphs, Line Drawings, Bar Charts,
Special Symbols, Foreign Language
Symbols
Price: \$289
Distribution Method: Third-party
Date First Installed: May 1983

TRANSTAR
TRANSTAR 120
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 14 char./sec

Maximum Characters Per Line: 100
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 12 in.
Price: \$599
Distribution Method: Third-party
Number Installed to Date: Under
100
Date First Installed: June 1983
(See Vendor Profile Page V-37)

TRANSTAR
TRANSTAR 130
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 18 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 17 in.
Price: \$895
Distribution Method: Third-party
Number Installed to Date: 1,000 -
5,000
Date First Installed: January 1983

TRANSTAR
TRANSTAR 140
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 160
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor,
Cut sheet
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Price: \$1,695
Distribution Method: Third-party
Number Installed to Date: 1,000 -
5,000
Date First Installed: February 1982

TRANSTAR
TRANSTAR 315
Print Mechanism: Impact
Print Technique: Four-Hammer
Rotating Pin
Maximum Print Speed: 50 char./sec
Maximum Characters Per Line: 100
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Graphics Functions Supported:
Pictures, Charts, Patterns
Colors Supported: 40
Price: \$999
Distribution Method: Third-party
Number Installed to Date: Under
100
Date First Installed: June 1983

VECTOR GRAPHIC, INC.
3500
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 33 char./sec
Maximum Characters Per Line: 163
Optional Character Set Sizes: 128

Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Price: \$2,695
Distribution Method: Third-party
(See Vendor Profile Page V-38)

VECTOR GRAPHIC, INC.
7700
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 163
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Price: \$3,450
Distribution Method: OEM, Third-party

WANG LABORATORIES, INC.
DW/05-20
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 116
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Continuous
Maximum Form Width: 15 in.
Price: \$2,695
Distribution Method: End user
Date First Installed: March 1982
(See Vendor Profile Page V-39)

WANG LABORATORIES, INC.
MODEL 2281 WCR
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 180
Optional Character Set Sizes: 116
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet,
Continuous
Price: \$7,000
Distribution Method: End user
Date First Installed: May 1979

WANG LABORATORIES, INC.
MODEL 2281 WR
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Optional Character Set Sizes: 114
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet,
Continuous
Maximum Form Width: 15 in.
Price: \$5,000
Distribution Method: End user
Date First Installed: May 1979

WANG LABORATORIES, INC.
MODEL 6581 W
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 158
Optional Character Set Sizes: 116
Character Code: Ascii
Communications Port: Serial

Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 15 in.
Price: \$5,000
Distribution Method: End user
Date First Installed: May 1979

WANG LABORATORIES, INC.
MODEL 6581 WC
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 180
Optional Character Set Sizes: 116
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet,
Continuous
Price: \$7,000
Distribution Method: End user
Date First Installed: May 1979

WANG LABORATORIES, INC.
MODEL 6581 WD
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 25 char./sec
Maximum Characters Per Line: 290
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Cut sheet,
Continuous
Maximum Form Width: 31 in.
Price: \$9,750
Distribution Method: End user
Date First Installed: February 1980

Printers Without Specified Print Speeds

AB DICK CO.
VIDEO JET PRINTER 9100 SERIES
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Maximum Characters Per Line:
Variable
Optional Character Set Sizes:
Variable
Character Code: Ascii
Communications Port: Serial,
Parallel
Forms Type Accepted: Any
Graphics Functions Supported:
Anything
Colors Supported: 6
Price: \$5,000
Distribution Method: End user
Number Installed to Date: 5,000 -
10,000
(See Vendor Profile Page V-1)

**ADVANCED COLOR
TECHNOLOGY, INC.**
ACT II
Print Mechanism: Nonimpact
Print Technique: Ink-Jet
Optional Character Set Sizes: 256
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Pin
Maximum Form Width: 15 in.
Graphics Functions Supported:
Arcs, Curves, Patterns, Charts,
Three Dimensional
Colors Supported: 125
Price: \$6,400
Distribution Method: OEM, Third-party

Date First Installed: June 1983
(See Vendor Profile Page V-1)

BENSON, INC.
9222 ELECTROSTATIC
Print Mechanism: Nonimpact
Print Technique: Electrostatic
Optional Character Set Sizes: 123
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 22 in.
Graphics Functions Supported:
Point Addressable
Colors Supported: 1
Distribution Method: End user, OEM
(See Vendor Profile Page V-4)

BENSON, INC.
9444 ELECTROSTATIC
Print Mechanism: Nonimpact
Print Technique: Electrostatic
Optional Character Set Sizes: 123
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 44 in.
Graphics Functions Supported:
Point Addressable
Distribution Method: End user

BENSON, INC.
9536 ELECTROSTATIC
Print Mechanism: Nonimpact
Print Technique: Electrostatic
Optional Character Set Sizes: 123
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 36 in.
Graphics Functions Supported:
Point Addressable
Distribution Method: End user

DATAPoint CORP.
9611
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Characters Per Line: 98
Optional Character Set Sizes: 72
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll, Cut sheet
Maximum Form Width: 21 in.
Price: \$3,495
Date First Installed: September
1981
(See Vendor Profile Page V-11)

DIGITEC
PRINTER 6610
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Characters Per Line: 24
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Graphics Functions Supported:
Charts, Curves, Designs,
Histograms, Logos
Price: \$495
Distribution Method: End user, OEM
Date First Installed: May 1983
(See Vendor Profile Page V-13)

DIGITEC
PRINTER 6611
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Characters Per Line: 24
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 2 in.
Graphics Functions Supported:
Charts, Curves, Designs,
Histograms, Logos
Colors Supported: 1
Price: \$525
Distribution Method: End user, OEM
Date First Installed: July 1983

HARRIS CORP.
HARRIS 4240/4250
Print Mechanism: Impact
Maximum Characters Per Line: 132
Standard Character Set Size: 64
Character Code: Ascii
Forms Type Accepted: Fan fold
Maximum Form Width: 20 in.
Price: \$30,000
Distribution Method: End user
(See Vendor Profile Page V-16)

HEWLETT-PACKARD CO.
HP 2671A
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 9 in.
Price: \$1,240
Distribution Method: End user
Number Installed to Date: 10,000 -
50,000
Date First Installed: May 1981
(See Vendor Profile Page V-17)

HONEYWELL, INC.
PRU 7270/7271/7272
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Price: \$3,450
Date First Installed: August 1983
(See Vendor Profile Page V-17)

MEMODYNE CORP.
MAP-PEC
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Number Installed to Date: 625
Date First Installed: 1981
(See Vendor Profile Page V-23)

PHILIPS PERIPHERALS, INC.
GP100
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Characters Per Line: 120
Optional Character Set Sizes: 141
Character Code: Ascii
Communications Port: Serial,

Parallel
Form Feed Method: Tractor,
Friction, Pin
Forms Type Accepted: Fan fold,
Roll, Cut sheet, Feeders
Maximum Form Width: 14 in.
Graphics Functions Supported: Dot
Addressable
Price: \$2,600
Distribution Method: OEM, Third-
party
Number Installed to Date: 5,000 -
10,000
Date First Installed: 1980
(See Vendor Profile Page V-28)

PRODUCT DEVELOPMENT
SERVICES, INC.
BOWLING PRINTER
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Characters Per Line: 22
Form Feed Method: Friction
Maximum Form Width: 4 in.
Price: \$180
Distribution Method: End user
Number Installed to Date: 1,000 -
5,000
Date First Installed: 1978
(See Vendor Profile Page V-29)

QUME CORP.
SPRINT 11/55 PLUS
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Characters Per Line: 197
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Dot
Addressable
Colors Supported: 1
Price: \$1,950
Distribution Method: OEM, Third-
party
Number Installed to Date: 10,000 -
50,000
Date First Installed: December 1982
(See Vendor Profile Page V-30)

TANDY CORP.
DMP120
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96,
30, 32
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll, Cut sheet
Graphics Functions Supported: RS
Bit Image Graphics
Price: \$500
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1982
(See Vendor Profile Page V-34)

TANDY CORP.
DMP2100
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96,
30, 32
Character Code: Ascii

Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 14 in.
Graphics Functions Supported: RS
Bit Image Graphics, High Resolution
Price: \$1,995
Distribution Method: End user,
OEM, Third-party
Date First Installed: January 1983

TRILOG, INC.
TIP-300
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Characters Per Line: 220
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Graphics Functions Supported:
Arcs, Curves, Patterns, Three
Dimensional, Charts
Colors Supported: 1
Price: \$4,900
Distribution Method: OEM, Third-
party
Number Installed to Date: 500
Date First Installed: November 1982
(See Vendor Profile Page V-38)

Page Printers

AUTOMATIC FUNDS TRANSFER SERVICES, INC. **AFT 300 PAGE PRINTER**

Print Mechanism: Nonimpact
Print Technique: Electrostatic
Maximum Print Speed: 9,000
line/min
Maximum Characters Per Line: 204
Optional Character Set Sizes: 96
Character Code: Ascii, Ebodic
Communications Port: Serial,
Parallel
Form Feed Method: Sheet Feed
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported:
Logos, Forms Overlay
Colors Supported: 1
Price: \$50,000
Distribution Method: End user
Date First Installed: 1983
(See Vendor Profile Page V-4)

DIABLO SYSTEMS, INC. **EPM 203**

Print Mechanism: Nonimpact
Print Technique: Thermal Transfer
Maximum Characters Per Line: 132
Optional Character Set Sizes: Bit
Mapping
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Automatic Sheet Feed
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Price: \$5,000
Date First Installed: December 1982
(See Vendor Profile Page V-12)

GENERAL BUSINESS TECHNOLOGY, INC. **8600XP**

Print Mechanism: Nonimpact
Print Technique: Xerographic
Maximum Characters Per Line: 185
Optional Character Set Sizes: 96
Character Code: Ebodic
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Graphics Functions Supported:
Plotting Images
Price: \$26,000
Distribution Method: Third-party
Date First Installed: September
1982
(See Vendor Profile Page V-15)

HONEYWELL, INC. **PPS**

Print Mechanism: Nonimpact
Print Technique: Electrostatic
Carbon Deposit
Maximum Print Speed: 8,000
line/min
Price: \$10,000
(See Vendor Profile Page V-17)

HONEYWELL, INC. **PPS II**

Print Mechanism: Nonimpact
Print Technique: Electrostatic
Carbon Deposit
Maximum Print Speed: 12,000
line/min
Price: \$27,600

HONEYWELL, INC. **PPS IIE**

Print Mechanism: Impact
Print Technique: Electrostatic
Carbon Deposit
Maximum Print Speed: 18,000

line/min
Price: \$53,200

IBM **3800**

Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Characters Per Line: 132
Standard Character Set Size: 256
Character Code: Ebodic
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Dot
Addressable, Electric Form Overlay,
External Fonts
Price: \$315,000
Distribution Method: End user
Date First Installed: 1975
(See Vendor Profile Page V-17)

IBM **4250**

Print Mechanism: Nonimpact
Print Technique: Electro Erosion
Maximum Characters Per Line:
Variable
Optional Character Set Sizes:
Variable
Character Code: Ebodic
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 13 in.
Graphics Functions Supported: Dot
Addressable, CAD/CAM
Price: \$21,000
Distribution Method: End user

IMTEKS **PPT-10**

Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Characters Per Line:
Less than 300
Communications Port: Serial
Form Feed Method: Friction, Cut
Sheet
Forms Type Accepted: Cut sheet
Maximum Form Width: 11 in.
Graphics Functions Supported:
Graphics, Patterns, APS Plot,
Siggraph Code
Colors Supported: 1
Price: \$30,000
Distribution Method: End user
Number Installed to Date: 2
Date First Installed: September
1982
(See Vendor Profile Page V-18)

*Additional information
provided for by vendor*

Type style publishing features: Variety - serif and sans serif fonts, each with 128 symbols in 12 point sizes ranging 6 point to 36 point in height. Special symbols, Greek/math, utility characters, signatures and logotypes. DP fonts 10, 12 and 16 symbols/in. Portrait or landscape print. All fonts on-line with no buffer limitations.

RENAISSANCE MARKETING, INC. **RENAISSANCE PAGE PRINTING SYSTEM**

Print Mechanism: Nonimpact
Print Technique: Dot Matrix

Optional Character Set Sizes: 128
Communications Port: Parallel
Form Feed Method: Sheet Feed
Forms Type Accepted: Cut sheet
Maximum Form Width: 8 in.
Distribution Method: End user,
Third-party
Number Installed to Date: 65,000
Date First Installed: April 1983
(See Vendor Profile Page V-31)

RENAISSANCE MARKETING, INC. **RENAISSANCE PAGE PRINTING SYSTEM**

Print Mechanism: Nonimpact
Print Technique: Ion Deposition
Maximum Characters Per Line: 20
Optional Character Set Sizes: 48,
64, 96, 128, 256, Variable
Character Code: Ascii, Ebodic
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 8 in.
Price: \$70,000
Distribution Method: End user,
Third-party
Number Installed to Date: Under
100
Date First Installed: April 1983

SOUTHERN SYSTEMS, INC. **MERCURION 1**

Print Mechanism: Nonimpact
Print Technique: Ion Deposition
Maximum Print Speed: 5,280
line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii, Ebodic
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported:
Raster Scan
Price: \$59,950
Distribution Method: End user, OEM
Number Installed to Date: Under
100
Date First Installed: April 1983

SPERRY CORP. **0777 LASER PRINTING SYSTEM**

Print Mechanism: Nonimpact
Maximum Print Speed: 21,000
line/min
Maximum Characters Per Line: 204
Optional Character Set Sizes: 64,
128, 256, 3200
Character Code: Ascii, Ebodic
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$415,000
Distribution Method: End user
Number Installed to Date: Under
100
Date First Installed: September
1980
(See Vendor Profile Page V-33)

XEROX CORP. **2700 DISTRIBUTED PRINTER**

Print Technique: Xerographic
Optional Character Set Sizes: 98
Communications Port: Parallel
Form Feed Method: Cut Sheet
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported:
Charts, Patterns

Price: \$19,000
Distribution Method: End user, OEM
Date First Installed: August 1982
(See Vendor Profile Page V-39)

XEROX CORP. **5700 ELECTRONIC PRINTING SYSTEM**

Print Mechanism: Nonimpact
Print Technique: Laser
Print Technique: Xerographic
Communications Port: Serial
Form Feed Method: Cut Sheet
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot
Addressable
Price: \$100,000
Distribution Method: End user, OEM
Date First Installed: September
1980

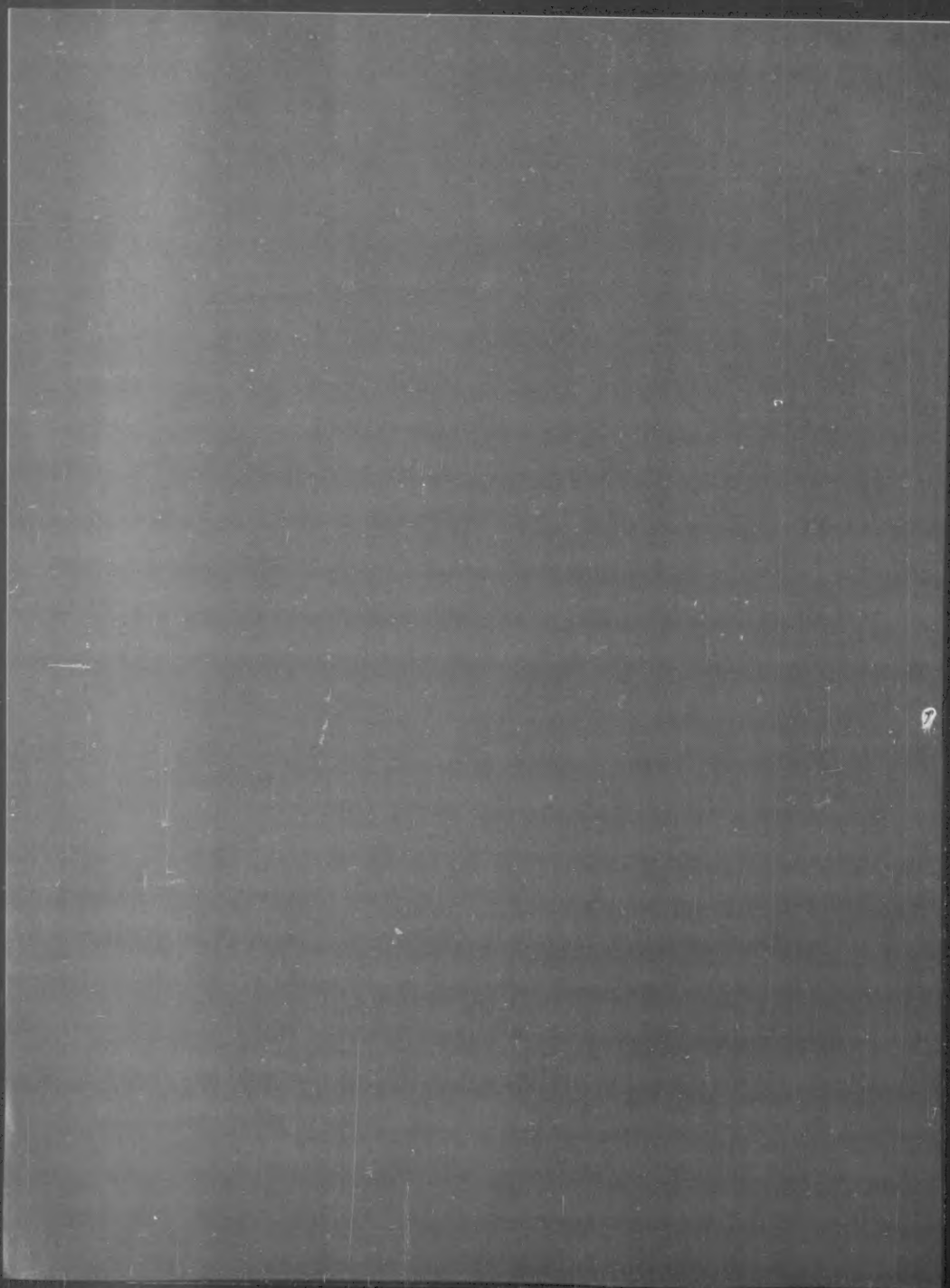
XEROX CORP. **8700 ELECTRONIC PRINTING SYSTEM**

Print Mechanism: Nonimpact
Print Technique: Laser
Print Technique: Xerographic
Maximum Print Speed: 9,240
line/min
Standard Character Set Size: 128
Optional Character Set Sizes:
Variable
Character Code: Ascii, Ebodic, BCD
Communications Port: Serial
Form Feed Method: Sheet Feed
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot
Addressable
Price: \$250,000
Distribution Method: End user, OEM
Date First Installed: July 1982

XEROX CORP. **9700 ELECTRONIC PRINTING SYSTEM**

Print Mechanism: Nonimpact
Print Technique: Xerographic
Maximum Print Speed: 18,000
line/min
Optional Character Set Sizes: 64,
128, Variable
Character Code: Ascii, Ebodic, BCD
Communications Port: Serial
Form Feed Method: Cut Sheet
Forms Type Accepted: Cut Sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot
Addressable
Colors Supported: 11
Price: \$400,000
Distribution Method: End user, OEM
Date First Installed: July 1982

TELEPRINTERS.



Teleprinter Index

By Technology Type and Transmission Speed

Teleprinter products have been indexed according to type — automatic send/receive, keyboard send/receive and receive-only. Within each product type products are indexed according to their maximum transmission speed in descending order from fastest to slowest. In addition to speed, the index contains information on the price of the teleprinter and the page number in the section where the full product listing is located.

The actual product listings have been separated according to the teleprinter type and, within each category, can be found in alphabetical order by vendor name.

Automatic Send/Receive Teleprinters

VENDOR	MODEL	TRANSMISSION SPEED	PRICE	PAGE
Mepcom International, Inc.	EZ PRINT 21 AND 40	9,600 bit/sec	\$445	A-95
Kaye Instruments, Inc.	LP-1	2,400 bit/sec	\$2,995	A-95
Teletype Corp.	MODEL 42	1,800 bit/sec	\$1,617	A-95
	MODEL 43	1,800 bit/sec	\$1,650	A-95
American Datacom	SUPERTELEX 400	1,200 bit/sec	\$3,395	A-95
Qwint Systems, Inc.	MSN-742-12B-I	1,200 bit/sec	\$1,695	A-95
	MSN-744-1	1,200 bit/sec	\$1,295	A-95
	MSN-744-11B	1,200 bit/sec	\$1,695	A-95
	MSR 743-12	1,200 bit/sec	\$1,495	A-95
American Datacom	ADC 300	300 bit/sec	\$2,995	A-95
Trans-Lux Corp.	TRANS-LUX CONNECTION	300 bit/sec	\$3,695	A-96
3M Co.	PACKAGE 80	300 bit/sec	\$1,145	A-96
	PACKAGE 82	300 bit/sec	\$1,045	A-96
Computer Transceiver Systems, Inc.	EXECUPORT 4120	N/A	\$3,295	A-95
	EXECUPORT 4120 BLOCK SEND, RECEIVE	N/A	\$3,995	A-95
Honeywell, Inc.	PR7/PRU 7005	N/A	N/A	A-95
IBM	3287	N/A	\$5,150	A-95
	6670	N/A	\$45,500	A-95
3M	PACKAGE 83	N/A	\$1,300	A-96

Keyboard Send/Receive Teleprinters

VENDOR	MODEL	TRANSMISSION SPEED	PRICE	PAGE
Digital Equipment Corp.	LA12 DEC-WRITER CORRESPONDENT	9,600 bit/sec	\$1,395	A-98
	LA120 DEC WRITER III	9,600 bit/sec	\$2,750	A-98
	LETTERWRITER 100	9,600 bit/sec	\$2,860	A-98
General Electric Co.	GE 2030	9,600 bit/sec	\$1,250	A-97
	GE 2120	9,600 bit/sec	\$2,275	A-97
Hewlett-Packard Co.	HP 2635B	9,600 bit/sec	\$4,370	A-97
International Entry Systems, Inc.	DATACORDER I	9,600 bit/sec	N/A	A-97
Trendata Standard Memories Corp.	T-6000	9,600 bit/sec	N/A	A-98
	T-8000	9,600 bit/sec	N/A	A-98
General Electric Co.	GE 200 RO/KSR	1,200 bit/sec	\$2,350	A-96
NCR Corp.	NCR 2600 (KSR)	1,200 bit/sec	\$2,450	A-97
NEC Information Systems	SPINWRITER 7720	1,200 bit/sec	N/A	A-97
	SPINWRITER 7725	1,200 bit/sec	N/A	A-97
Qwint Systems, Inc.	KSR 700 SERIES	1,200 bit/sec	\$395	A-97
	KSR-742-I	1,200 bit/sec	\$1,195	A-97
	KSR-744	1,200 bit/sec	\$1,295	A-97
Trendata Standard Memories Corp.	T-4000	1,200 bit/sec	N/A	A-98
	T-300	300 bit/sec	N/A	A-98
Trans-Lux Corp.	TLT	50 bit/sec	\$2,395	A-96
Computer Devices, Inc.	SERIES 2000	N/A	\$1,395	A-96
Computer Transceiver Systems, Inc.	EXECUPORT 430	N/A	\$395	A-96
	EXECUPORT 440	N/A	\$1,195	A-96

Teleprinter Index

VENDOR	MODEL	TRANSMISSION SPEED	PRICE	PAGE
Computer Transceiver Systems, Inc.	EXECUPORT 443	N/A	\$1,795	A-96
	EXECUPORT 4000 SERIES	N/A	N/A	A-96
Dataproductions New England, Inc.	MXT 1200 TEMPEST MESSAGE TERMINAL	N/A	\$11,390	A-96
Diablo Systems, Inc.	630 KSR	N/A	\$2,800	A-96
Honeywell, Inc.	PRU/TWU 1005	N/A	N/A	A-97
	PRU/TWU 1901	N/A	N/A	A-97
	PRU 1001/TWU 1001	N/A	N/A	A-97
	WST 1005/ PRT 7005	N/A	N/A	A-97
Olympia U.S.A., Inc.	ESW103	N/A	\$1,899	A-97
Qwint Systems, Inc.	KSR 743	N/A	\$995	A-97

Recieve-Only Teleprinters

VENDOR	MODEL	TRANSMISSION SPEED	PRICE	PAGE
C. Itoh Electronics	1550-B	9,600 bit/sec	\$995	A-98
	1550-S	9,600 bit/sec	\$1,295	A-98
	1550-SC	9,600 bit/sec	N/A	A-98
	8510-B	9,600 bit/sec	\$695	A-98
	8510-S	9,600 bit/sec	\$925	A-98
	8510-SC	9,600 bit/sec	\$925	A-98
	8600-B	9,600 bit/sec	\$1,395	A-98
	F-10-55	9,600 bit/sec	N/A	A-99
Fujitsu America, Inc.	SP320	9,600 bit/sec	\$1,500	A-99
Qwint Systems, Inc.	RO 700 SERIES	9,600 bit/sec	\$795	A-99
	RO 743	9,600 bit/sec	\$795	A-100
Teletype Corp.	T-300	9,600 bit/sec	\$4,625	A-100
	MODEL 40-TELE	7,200 bit/sec	\$7,685	A-100
C. Itoh Electronics	A-10	4,800 bit/sec	\$995	A-98
Dataproductions New England, Inc.	MXT 1200 TEMPEST MATRIX PRINTER	4,800 bit/sec	\$8,525	A-99
Teletype Corp.	MODEL 40	4,800 bit/sec	\$6,992	A-100
C. Itoh Electronics	F-10-40	2,400 bit/sec	\$1,795	A-99
Fujitsu America, Inc.	TTP 16	1,200 bit/sec	\$650	A-99
Mannesmann Tally Corp.	MT 1612	1,200 bit/sec	N/A	A-99
NCR Corp.	NCR 2600 (RO)	1,200 bit/sec	\$1,995	A-99
Qwint Systems, Inc.	RO-744	1,200 bit/sec	\$995	A-100
Telecom Terminal Systems	AIRLINE TICKET PRINTER	75 bit/sec	\$2,000	A-100
Computer Transceiver Systems, Inc.	EXECUPORT 420 RO	N/A	\$795	A-99
Data General Corp.	4433	N/A	\$1,800	A-99
Dataproductions New England, Inc.	2910 (TT-624)MILITARY TELEPRINTER	N/A	N/A	A-99
Diablo Systems, Inc.	630 ECS	N/A	\$5,000	A-99
	SERIES 32	N/A	\$1,400	A-99
Fujitsu America, Inc.	DPL 24	N/A	\$1,995	A-99
	DPML 24	N/A	N/A	A-99

Other Teleprinters

VENDOR	MODEL	TRANSMISSION SPEED	PRICE	PAGE
Extel Corp.	COM SCRIBE	9,600 bit/sec	\$1,300	A-100
	COM MASTER	1,200 bit/sec	\$5,000	A-100
	COM WRITER	1,200 bit/sec	\$1,695	A-100
Qwint Systems, Inc.	MSR 700 SERIES	1,200 bit/sec	\$1,295	A-100

Teleprinters

Automatic Send/Receive Teleprinters

AMERICAN DATACOM

ADC 300
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
300 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 11 in.
Price: \$2,995
Distribution Method: End user,
Third-party
Number Installed to Date: 5,000 -
10,000
Date First Installed: 1978
(See Vendor Profile Page V-2)

AMERICAN DATACOM

SUPERTELEX 400
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 120
char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 11 in.
Price: \$3,395
Distribution Method: End user,
Third-party
Number Installed to Date: 500 -
1,000
Date First Installed: September
1982

COMPUTER TRANSCIVER SYSTEMS, INC.

EXECUPORT 4120
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Ascii
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 200
char./sec
Maximum Characters Per Line: 233
Standard Character Set Size: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 15 in.
Graphics Functions Supported:
Charts, Histograms
Price: \$3,295
Distribution Method: End user, OEM
Date First Installed: January 1982
(See Vendor Profile Page V-9)

COMPUTER TRANSCIVER SYSTEMS, INC.

**EXECUPORT 4120 BLOCK SEND,
RECEIVE**

Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Ascii
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Print Technique: Dot Matrix
Maximum Print Speed: 200
char./sec
Maximum Characters Per Line: 233
Standard Character Set Size: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 15 in.
Graphics Functions Supported:
Charts, Histograms
Price: \$3,995
Distribution Method: End user, OEM
Date First Installed: October 1982

HONEYWELL, INC.

PRT/PRU 7005
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120
char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
(See Vendor Profile Page V-17)

IBM

3287
Data Transmission Characteristics:
Half-Duplex, Synchronous, Ebcidic
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120
char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll, Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported:
Curves, Patterns, Charts
Colors Supported: 4
Price: \$5,150
Distribution Method: End user
Date First Installed: October 1977
(See Vendor Profile Page V-17)

IBM

6670
Data Transmission Characteristics:
Half-Duplex, Synchronous, Ascii,
Ebcidic/WP
Integral Modem/Coupler: Optional
Print Mechanism: Nonimpact
Print Technique: Laser
Maximum Print Speed: 1,800
line/min
Maximum Characters Per Line: 132
Standard Character Set Size: 103
Optional Character Set Sizes: 6
Fonts
Character Code: Ascii, Ebcidic,
Ebcidic/WP
Communications Port: Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported:
Logos, Signatures
Price: \$45,500

Distribution Method: End user
Date First Installed: April 1979

KAYE INSTRUMENTS, INC.

LP-1
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
2,400 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 137
char./sec
Maximum Characters Per Line: 137
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 11 in.
Price: \$2,995
Distribution Method: End user
Date First Installed: March 1982
(See Vendor Profile Page V-21)

MEPCOM INTERNATIONAL, INC.

EZ PRINT 21 AND 40
Data Transmission Characteristics:
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 72 line/min
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Colors Supported: 1
Price: \$445
Distribution Method: End user
Number Installed to Date: 1,000
(See Vendor Profile Page V-23)

QWINT SYSTEMS, INC.

MSN-742-12B-I
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96,
68
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$1,695
Distribution Method: Third-party
Date First Installed: May 1983
(See Vendor Profile Page V-30)

QWINT SYSTEMS, INC.

MSN-744-1
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Characters Per Line: 132

Optional Character Set Sizes: 96
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot
Addressable
Price: \$1,295
Distribution Method: Third-party
Date First Installed: January 1982

QWINT SYSTEMS, INC.

MSN-744-11B
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Roll, Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot
Addressable
Price: \$1,695
Distribution Method: Third-party
Date First Installed: 1982

QWINT SYSTEMS, INC.

MSR 743-12
Data Transmission Characteristics:
Half-Duplex, Asynchronous
Maximum Transmission Speed:
1,200 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Roll, Cut sheet
Maximum Form Width: 9 in.
Price: \$1,495
Distribution Method: Third-party
Date First Installed: April 1983

TELETYPE CORP.

MODEL 42
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Baudot
Maximum Transmission Speed:
1,800 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 47 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ebcidic
Form Feed Method: Tractor,
Friction, Pin
Forms Type Accepted: Fan fold,
Roll, Cut sheet
Price: \$1,617
Distribution Method: Third-party
Number Installed to Date: More
than 50,000
(See Vendor Profile Page V-36)

TELETYPE CORP.

MODEL 43
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii

Teleprinters

Maximum Transmission Speed: 1,800 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 47 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Price: \$1,650
Distribution Method: Third-party
Number Installed to Date: More than 50,000
Date First Installed: November 1976

3M
PACKAGE 80
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$1,145
Distribution Method: End user, OEM, Third-party
Date First Installed: May 1983
(See Vendor Profile Page V-37)

3M
PACKAGE 82
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 35 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$1,045
Distribution Method: End user, OEM, Third-party
Date First Installed: 1981

3M
PACKAGE 83
Data Transmission Characteristics: Full-Duplex, Asynchronous, Baudot
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 69
Character Code: Ebcidic
Form Feed Method: Friction
Forms Type Accepted: Roll
Price: \$1,300
Distribution Method: End user, Third-party
Date First Installed: February 1982

TRANS-LUX CORP.
TRANS-LUX CONNECTION
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 50 char./sec

Maximum Characters Per Line: 80
Communications Port: Serial
Maximum Form Width: 9 in.
Price: \$3,695
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1982
(See Vendor Profile Page V-37)

Keyboard Send/Receive Teleprinters

COMPUTER DEVICES, INC.
SERIES 2000
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 160 char./sec
Maximum Characters Per Line: 80
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Roll
Maximum Form Width: 8 in.
Price: \$1,395

COMPUTER TRANSCIVER SYSTEMS, INC.
EXECUPORT 430
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Ascii
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 140
Standard Character Set Size: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot Addressable
Price: \$995
Distribution Method: End user
Date First Installed: February 1982
(See Vendor Profile Page V-8)

COMPUTER TRANSCIVER SYSTEMS, INC.
EXECUPORT 440
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Ascii
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 140
Standard Character Set Size: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot Addressable
Price: \$1,195
Distribution Method: End user
Date First Installed: February 1982

COMPUTER TRANSCIVER SYSTEMS, INC.
EXECUPORT 443
Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Ascii
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 140
Standard Character Set Size: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot Addressable
Price: \$1,795
Distribution Method: End user
Date First Installed: April 1983

COMPUTER TRANSCIVER SYSTEMS, INC.
EXECUPORT 4000 SERIES
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Ascii
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 136
Standard Character Set Size: 128
Character Code: Ascii, APL
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 15 in.
Graphics Functions Supported: Dot Addressable
Distribution Method: End user, OEM

DATAPRODUCTS NEW ENGLAND, INC.
MXT 1200 TEMPT MESSAGE TERMINAL
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340 char./sec
Maximum Print Speed: 500 line/min
Maximum Characters Per Line: 68
Optional Character Set Sizes: 96
Character Code: Ascii, Ebcidic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 9 in.
Price: \$11,390
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: December 1981
(See Vendor Profile Page V-11)

DIABLO SYSTEMS, INC.
630 KSR
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Optional Character Set Sizes: 88, 92
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 16 in.
Price: \$2,800
Distribution Method: Third-party

Date First Installed: December 1981
(See Vendor Profile Page V-12)

DIGITAL EQUIPMENT CORP.
LA12 DEC-WRITER
CORRESPONDENT
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Graphics Functions Supported: Bit Mapping, Dot Addressable
Price: \$1,395
Distribution Method: End user, OEM, Third-party
Date First Installed: 1983
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.
LA120 DEC WRITER III
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Graphics Functions Supported: Textprint Option
Price: \$2,750
Distribution Method: End user, OEM, Third-party

DIGITAL EQUIPMENT CORP.
LETTERWRITER 100
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 240 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128, Variable
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Graphics Functions Supported: Dot Addressable
Price: \$2,860
Distribution Method: End user, OEM, Third-party
GENERAL ELECTRIC CO.
GE 200 RO/KSR
Data Transmission Characteristics:

Teleprinters

Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 1,200 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200
 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
 Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 17 in.
Price: \$2,350
Distribution Method: OEM
Date First Installed: May 1978
 (See Vendor Profile Page V-15)

GENERAL ELECTRIC CO. GE 2030

Data Transmission Characteristics:
 Half-Duplex, Full-Duplex, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 60 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
 Roll, Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported: Dot
 Master Printing
Colors Supported: 1
Price: \$1,250
Distribution Method: OEM, Third-
 party

GENERAL ELECTRIC CO. GE 2120

Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150
 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor,
 Friction, Pin
Forms Type Accepted: Fan fold,
 Roll, Cut sheet
Maximum Form Width: 16 in.
Price: \$2,275
Distribution Method: OEM, Third-
 party

HEWLETT-PACKARD CO. HP 2635B

Data Transmission Characteristics:
 Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180
 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 256
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold

Price: \$4,370
Distribution Method: End user
Date First Installed: June 1980
 (See Vendor Profile Page V-17)

HONEYWELL, INC. PRU/TWU 1005

Data Transmission Characteristics:
 Half-Duplex, Full-Duplex, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120
 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
 (See Vendor Profile Page V-17)

HONEYWELL, INC. PRU/TWU 1901

Data Transmission Characteristics:
 Half-Duplex, Full-Duplex, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120
 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.

HONEYWELL, INC. PRU 1001 / TWU 1001

Data Transmission Characteristics:
 Full-Duplex, Asynchronous, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.

HONEYWELL, INC. WST 1005 / PRT 7005

Data Transmission Characteristics:
 Half-Duplex, Full-Duplex, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120
 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.

INTERNATIONAL ENTRY SYSTEMS, INC. DATACORDER I

Data Transmission Characteristics:
 Full-Duplex, Asynchronous
Maximum Transmission Speed:
 9,600 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Nonimpact
Print Technique: Electrosensitive
Maximum Print Speed: 180 line/min
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64
Communications Port: Serial
Form Feed Method: Friction
Maximum Form Width: 5 in.

Distribution Method: End user, OEM
Number Installed to Date: 1,000 -
 5,000
 (See Vendor Profile Page V-20)

NCR CORP. NCR 2600 (KSR)

Data Transmission Characteristics:
 Asynchronous
Maximum Transmission Speed:
 1,200 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$2,450
Distribution Method: End user
Number Installed to Date: 1,000 -
 5,000
Date First Installed: June 1981
 (See Vendor Profile Page V-26)

NEC INFORMATION SYSTEMS SPINWRITER 7720

Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 1,200 bit/sec
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor,
 Friction, Cut Sheet
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Graphics Functions Supported: Full
 Graphic Capabilities
Distribution Method: Third-party
Date First Installed: 1977
 (See Vendor Profile Page V-26)

NEC INFORMATION SYSTEMS SPINWRITER 7725

Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 1,200 bit/sec
Print Mechanism: Impact
Print Technique: Print Thimble
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line:
 136
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor,
 Friction, Cut Sheet
Forms Type Accepted: Fan fold,
 Cut sheet
Maximum Form Width: 15 in.
Graphics Functions Supported: Full
 Graphic Capabilities
Distribution Method: Third-party
Date First Installed: 1977

OLYMPIA U.S.A., INC. ESW103

Data Transmission Characteristics:
 Half-Duplex, Full-Duplex
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 141
Communications Port: Serial,
 Parallel

Form Feed Method: Tractor,
 Friction, Sheet Feed
Forms Type Accepted: Fan fold,
 Roll, Cut sheet
Maximum Form Width: 17 in.
Price: \$1,899
Distribution Method: OEM, Third-
 party
Date First Installed: April 1982
 (See Vendor Profile Page V-27)

QWINT SYSTEMS, INC. KSR 700 SERIES

Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii,
 Baudot
Maximum Transmission Speed:
 1,200 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 60 char./sec
Maximum Characters Per Line: 137
Optional Character Set Sizes: 96,
 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 8 in.
Price: \$995
Distribution Method: Third-party
Number Installed to Date: 500 -
 1,000
 (See Vendor Profile Page V-30)

QWINT SYSTEMS, INC. KSR-742-I

Data Transmission Characteristics:
 Half-Duplex, Asynchronous
Maximum Transmission Speed:
 1,200 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 68
Character Code: Ascii, Ebdic
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot
 Addressable
Colors Supported: 1
Price: \$1,195
Distribution Method: Third-party

QWINT SYSTEMS, INC. KSR 743

Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
 Roll
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot
 Addressable
Price: \$995
Distribution Method: Third-party
Date First Installed: January 1981

QWINT SYSTEMS, INC. KSR-744

Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii

Teleprinters

Maximum Transmission Speed: 1,200 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot Addressable
Price: \$1,295
Distribution Method: Third-party

TRANS-LUX CORP.

TLT
Data Transmission Characteristics: Asynchronous, Synchronous, Telex
Maximum Transmission Speed: 50 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 66 char./sec
Maximum Characters Per Line: 69
Communications Port: Serial
Form Feed Method: None
Maximum Form Width: 9 in.
Graphics Functions Supported: None
Price: \$2,395
Number Installed to Date: 500 - 1,000
(See Vendor Profile Page V-37)

TRENDATA CORP.

T-300
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-38)

TRENDATA CORP.

T-350
Data Transmission Characteristics: Ascii, Ansi
Maximum Transmission Speed: 9,600 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 165 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii, Ebdic
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 15 in.
Distribution Method: End user

Number Installed to Date: 1,000 - 5,000
Date First Installed: 1980

TRENDATA CORP.

T-4000
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 1,200 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Distribution Method: End user
Number Installed to Date: 5,000 - 10,000
Date First Installed: 1975

TRENDATA CORP.

T-6000
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii, Ansi
Maximum Transmission Speed: 9,600 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1982

TRENDATA CORP.

T-8000
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Type Element
Maximum Print Speed: 15 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 128
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 15 in.
Distribution Method: End user
Date First Installed: 1983

Receive-Only Teleprinters

C. ITOH ELECTRONICS

1550-B
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii

Maximum Transmission Speed: 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 230
Optional Character Set Sizes: Unlimited
Character Code: Ascii
Communications Port: Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Price: \$995
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-7)

C. ITOH ELECTRONICS

1550-S
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 230
Optional Character Set Sizes: Unlimited
Character Code: Ascii
Communications Port: Serial, Parallel
Forms Type Accepted: Roll, Cut sheet
Maximum Form Width: 16 in.
Price: \$1,295
Distribution Method: OEM, Third-party

C. ITOH ELECTRONICS

1550-SC
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 230
Optional Character Set Sizes: Variable
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 16 in.
Distribution Method: OEM, Third-party

C. ITOH ELECTRONICS

8510-B
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Optional Character Set Sizes: 96, Unlimited
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 10 in.

Price: \$695
Distribution Method: OEM, Third-party

C. ITOH ELECTRONICS

8510-S
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Optional Character Set Sizes: Variable
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Price: \$825
Distribution Method: OEM, Third-party

C. ITOH ELECTRONICS

8510-SC
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: Unlimited
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Price: \$925
Distribution Method: OEM, Third-party

C. ITOH ELECTRONICS

8600-B
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Print Mechanism: Impact
Maximum Print Speed: 180 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: Unlimited
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Cut sheet
Maximum Form Width: 10 in.
Colors Supported: 1
Price: \$1,395
Distribution Method: OEM, Third-party

C. ITOH ELECTRONICS

A-10
Data Transmission Characteristics: Asynchronous, Ascii
Maximum Transmission Speed: 4,800 bit/sec
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 20 char./sec
Maximum Characters Per Line: 115

Teleprinters

Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 15 in.
Price: \$995
Distribution Method: OEM, Third-
party

C. ITOH ELECTRONICS F-10-40

Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
2,400 bit/sec
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Price: \$1,795
Distribution Method: OEM, Third-
party

C. ITOH ELECTRONICS F-10-55

Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 55 char./sec
Maximum Characters Per Line: 136
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Distribution Method: OEM, Third-
party
Number Installed to Date: 2,295

COMPUTER TRANSCIVER SYSTEMS, INC. EXECUPORT 420 RO

Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 140
Standard Character Set Size: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll, Cut
sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot
Addressable
Price: \$795
Distribution Method: End user
Date First Installed: February 1982
(See Vendor Profile Page V-8)

DATA GENERAL CORP. 4433

Data Transmission Characteristics:
Asynchronous
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150
char./sec
Maximum Characters Per Line: 132

Standard Character Set Size: 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 14 in.
Price: \$1,800
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 500 -
1,000
Date First Installed: July 1982
(See Vendor Profile Page V-10)

DATAPRODUCTS NEW ENGLAND, INC. 2910 (TT-624) MILITARY TELEPRINTER

Print Mechanism: Impact
Print Technique: Drum
Maximum Print Speed: 1,110
line/min
Maximum Characters Per Line: 72
Optional Character Set Sizes: 64
Character Code: Ascii, Ebcidic
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 9 in.
Distribution Method: End user
Number Installed to Date: 1,000 -
5,000
Date First Installed: 1976
(See Vendor Profile Page V-11)

DATAPRODUCTS NEW ENGLAND, INC. MTX 1200 TEMPEST MATRIX PRINTER

Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii,
Baudot
Maximum Transmission Speed:
4,800 bit/sec
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 340
char./sec
Maximum Print Speed: 500 line/min
Maximum Characters Per Line: 99
Optional Character Set Sizes: 96
Character Code: Ascii, Ebcidic
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 9 in.
Price: \$8,525
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: December 1981

DIABLO SYSTEMS, INC. 830 ECS

Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 40 char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 192
Optional Character Set Sizes: 96,
88, 92
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor, Friction
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Price: \$5,000

Distribution Method: Third-party
Date First Installed: February 1982
(See Vendor Profile Page V-12)

DIABLO SYSTEMS, INC. SERIES 32

Data Transmission Characteristics:
Full-Duplex, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 150
char./sec
Maximum Characters Per Line: 132
Standard Character Set Size: 96
Optional Character Set Sizes: 64
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold,
Roll
Maximum Form Width: 15 in.
Graphics Functions Supported: Dot
Addressable
Price: \$1,400
Distribution Method: Third-party
Date First Installed: October 1982

FUJITSU AMERICA, INC. DPL 24

Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 80 char./sec
Maximum Characters Per Line: 136
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor,
Friction, Pin, Sheet Feed
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 16 in.
Graphics Functions Supported:
Graphics
Price: \$1,995
Number Installed to Date: Under
100
(See Vendor Profile Page V-15)

FUJITSU AMERICA, INC. DPML 24

Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Print Mechanism: Impact
Maximum Print Speed: 60 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor,
Friction, Pin, Sheet Feed
Forms Type Accepted: Fan fold,
Cut sheet
Maximum Form Width: 10 in.
Graphics Functions Supported:
Graphics
Number Installed to Date: Under
100

FUJITSU AMERICA, INC. SP320

Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 48 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96,
128

Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Tractor,
Friction, Pin, Bin Feeder
Forms Type Accepted: Fan fold
Maximum Form Width: 16 in.
Price: \$1,500
Date First Installed: December 1983

FUJITSU AMERICA, INC. TTP 16

Data Transmission Characteristics:
Half Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 90
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Cut sheet
Maximum Form Width: 10 in.
Price: \$650
Date First Installed: March 1984
(See Vendor Profile Page V-15)

HANFESMANN TALLY CORP. MT 1612

Data Transmission Characteristics:
Half Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Print Mechanism: Impact
Maximum Print Speed: 200
char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Maximum Form Width: 15 in.
Distribution Method: OEM, Third-
party
Number Installed to Date: 10,000 -
50,000
Date First Installed: 1978
(See Vendor Profile Page V-22)

NCR CORP. NCR 2600 (RO)

Data Transmission Characteristics:
Asynchronous
Maximum Transmission Speed:
1,200 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Nonimpact
Print Technique: Thermal Matrix
Maximum Print Speed: 30 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial,
Parallel
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 9 in.
Price: \$1,995
Distribution Method: End user
Number Installed to Date: 1,000 -
5,000
Date First Installed: June 1981
(See Vendor Profile Page V-26)

QWINT SYSTEMS, INC. RC 700 SERIES

Data Transmission Characteristics:
Half Duplex, Asynchronous, Baudot
Maximum Transmission Speed:
9,600 bit/sec

Teleprinters

Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 60 char./sec
Maximum Characters Per Line: 137
Optional Character Set Sizes: 96, 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 8 in.
Price: \$795
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: September 1981
(See Vendor Profile Page V-30)

QWINT SYSTEMS, INC.
RD 743
Data Transmission Characteristics:
 Half Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot Addressable
Price: \$795
Distribution Method: Third-party
Date First Installed: June 1981

QWINT SYSTEMS, INC.
RD-744
Data Transmission Characteristics:
 Half Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 1,200 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 65 char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 9 in.
Graphics Functions Supported: Dot Addressable
Price: \$995
Distribution Method: Third-party
Date First Installed: November 1981

TELECOM TERMINAL SYSTEMS
AIRLINE TICKET PRINTER
Data Transmission Characteristics:
 Half Duplex, Asynchronous
Maximum Transmission Speed: 75 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 64
Character Code: Ebcidic
Communications Port: Serial
Form Feed Method: Line Feed
Price: \$2,000

Distribution Method: End user
Number Installed to Date: 1,000
Date First Installed: November 1979
(See Vendor Profile Page V-36)

TELETYPE CORP.
MODEL 40
Data Transmission Characteristics:
 Half Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 4,800 bit/sec
Print Mechanism: Impact
Print Technique: Belt
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$6,992
Distribution Method: Third-party
Date First Installed: September 1974
(See Vendor Profile Page V-36)

TELETYPE CORP.
MODEL 40-TELE
Data Transmission Characteristics:
 Half Duplex, Synchronous, Ascii
Maximum Transmission Speed:
 7,200 bit/sec
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 48, 64, 96
Character Code: Ascii, Ebcidic
Communications Port: Serial
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$7,685
Distribution Method: Third-party
Date First Installed: April 1978

TELETYPE CORP.
T-300
Data Transmission Characteristics:
 Half Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Print Mechanism: Impact
Print Technique: Belt
Maximum Print Speed: 300 line/min
Maximum Characters Per Line: 132
Optional Character Set Sizes: 64, 96, 128, 256
Character Code: Ascii
Communications Port: Serial, Parallel
Form Feed Method: Tractor
Forms Type Accepted: Fan fold
Price: \$4,625
Distribution Method: Third-party
Date First Installed: 1983

Other Teleprinter Types

EXTEL CORP.
COM MASTER
Data Transmission Characteristics:
 Half Duplex, Asynchronous
Maximum Transmission Speed:
 1,200 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 200

char./sec
Maximum Characters Per Line: 132
Optional Character Set Sizes: 96, 128
Character Code: Ascii, Baudot
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll, Cut sheet
Maximum Form Width: 10 in.
Price: \$5,000
Number Installed to Date: 100 - 500
Date First Installed: June 1983
(See Vendor Profile Page V-15)


EXTEL CORP.
COM SCRIBE
Data Transmission Characteristics:
 Half Duplex
Maximum Transmission Speed:
 9,600 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 60 char./sec
Maximum Characters Per Line:
 50.6
Optional Character Set Sizes: 64, 96, 128
Character Code: Ascii, B
Communications Port: Serial
Form Feed Method: Friction, Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 10 in.
Price: \$1,300
Number Installed to Date: 100 - 500
Date First Installed: June 1983

EXTEL CORP.
COM WRITER
Data Transmission Characteristics:
 Half Duplex, Asynchronous, Ascii, Baudot
Maximum Transmission Speed:
 1,200 bit/sec
Integral Modem/Coupler: Standard
Print Mechanism: Impact
Print Technique: Daisywheel
Maximum Print Speed: 120 char./sec
Maximum Characters Per Line: 80
Optional Character Set Sizes: 128
Character Code: Ascii, B
Communications Port: Serial
Form Feed Method: Tractor, Friction, Pin
Forms Type Accepted: Fan fold, Roll
Maximum Form Width: 9 in.
Price: \$1,695
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: June 1983

QWINT SYSTEMS, INC.
MSR 700 SERIES
Data Transmission Characteristics:
 Half Duplex, Full Duplex, Asynchronous, Ascii, Baudot
Maximum Transmission Speed:
 1,200 bit/sec
Integral Modem/Coupler: Optional
Print Mechanism: Impact
Print Technique: Dot Matrix
Maximum Print Speed: 60 char./sec
Maximum Characters Per Line: 137
Optional Character Set Sizes: 96, 128
Character Code: Ascii
Communications Port: Serial
Form Feed Method: Friction
Forms Type Accepted: Roll
Maximum Form Width: 8 in.
Price: \$1,295

Distribution Method: Third-party
Date First Installed: March 1982
(See Vendor Profile Page V-30)

New From Telex



Introducing PROFFIT™ The Business Computer for 3270 Networks

Now there's a PROFFIT able way to combine your 3270 network with the increasing need for local business computing. Telex's new PROFFIT (P^{RO}fessional OFFice Terminal) attaches to a Telex 278 display.

Together, PROFFIT and Telex's 278 provide users with concurrent access to host and local processing with a single keystroke—unlike other systems which require involved log on and off procedures.

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- 5¼-inch single floppy diskette with a 160K of storage

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- CP/M-86® operating system.
- 128K Main Memory expandable to 640K.
- Word processing, spreadsheet application, and a full screen editing program are available and fully supported by Telex.

PROFFIT from Telex. Your answer to expanded 3270 capabilities and local site control of data processing requirements.

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IBM Announced... Telex Delivered.



**On the same day IBM announced their model 3178
12" CRT terminal, we delivered and installed
our 3,013th model 178 12" CRT terminal.**

	3274 Plug- Compatible	12" Screen, 1920 Characters	Upper Case/ Lower Case	Keyboard Choices	Response Time Indicator	Attachable Printer	Light Pen	Lease Plans Available	Narrow Keyboard	Keyboard Inter- changeable w/278, 279	Single Key Clear, PA1, PA2	Numeric Pad
Telex 178	YES	YES	YES	35	YES	YES	YES	YES	YES	YES	YES	YES
IBM 3178	YES	YES	YES	2	NO	NO	NO	NO	NO	NO	NO	NO

The Telex 178 offers more and costs less than the IBM 3178.

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Smart/Conversational Terminal Index By Compatibility

The index to smart/conversational terminals is designed to provide an overview of the products contained in this section of the buyer's guide and contains information on terminal compatibility, the terminal type and the price and the page number on which the terminal is listed. For purposes of this guide, a conversational terminal is considered a dumb terminal that offers two way communication with a host. A smart terminal has added features or editing capability and may or may not have some local memory.

Products are indexed according to compatibilities with seven major vendors' systems, including Burroughs Corp., Control Data Corp., Honeywell, Inc., NCR Corp. and Sperry Corp. In addition there are also two sections that contain terminals that are specifically TTY- or IBM 3270-compatible. The classification headings are listed in alphabetical order. Within each section, vendors and their products are listed alphabetically or numerically by model number. If a particular terminal is compatible with more than one vendor's product it is listed under each vendor with whom it is compatible.

If a particular terminal is not compatible with or has additional compatibilities outside of the major classifications it has been placed within the section entitled "Terminals With Other Compatibilities."

Manufacturers who did not specify compatibility with any vendor's systems are listed alphabetically under the category "Terminals With No Compatibility Specified."

Complete product listings follow the index.

Burroughs-Compatible Terminals

VENDOR	MODEL	TYPE	PRICE	PAGE
Arts Computer Products, Inc.	ORATOR 1	Conversational	\$5,300	B-40
	ORATOR 2	Conversational	\$4,500	B-40
Burroughs Corp.	ET 1100	Smart	\$1,895	B-13
Carterfone Communications Corp.	CARTERPHONE 9830	Smart	\$1,495	B-13
Cobar, Inc.	COBAR 3830	Smart	\$1,795	B-14
Computerwise, Inc.	TRANSTERM 1A	Conversational	\$449	B-41
Mergenthaler/Micro-Tek	MC 4010	Smart	\$3,500	B-28
	MG4003	Smart	N/A	B-28
Northern Telecom, Inc.	DISPLAY PHONE	Conversational	\$1,295	B-45
Tektronix, Inc.	4006	Conversational	\$3,900	B-46
	4012	Conversational	\$6,200	B-46
	4014-1	Smart	\$15,750	B-32
	4016-1	Smart	\$20,500	B-32
	4025A	Smart	\$5,900	B-32
	4027A	Smart	\$10,900	B-32
Transiac Corp.	TR 1024	Smart	\$4,500	B-38

CDC-Compatible Terminals

VENDOR	MODEL	TYPE	PRICE	PAGE
Arts Computer Products, Inc.	ORATOR 1	Conversational	\$5,300	B-40
	ORATOR 2	Conversational	\$4,500	B-40
Computerwise, Inc.	TRANSTERM 1A	Conversational	\$449	B-41
Control Data Corp.	MODEL 714-30	Smart	N/A	B-14
	MODEL 714-40	Smart	N/A	B-14
	MODEL 722	Smart	N/A	B-14
	VIKING 721-20	Smart	N/A	B-14
	VIKING 721-30	Smart	N/A	B-14
Northern Telecom, Inc.	DISPLAY PHONE	Conversational	\$1,295	B-45
Tektronix, Inc.	4006	Conversational	\$3,900	B-46

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
Tektronix, Inc.	4012	Conversational	\$6,200	B-46
	4014-1	Smart	\$15,750	B-32
	4016-1	Smart	\$20,500	B-32
	4025A	Smart	\$5,900	B-32
	4027A	Smart	\$10,900	B-32
Teleray	MODEL 7	Smart	\$1,295	B-33
	MODEL 100	Smart	\$1,395	B-33
Transiac Corp.	TR 1024	Smart	\$4,500	B-36

Honeywell-Compatible Terminals

VENDOR	MODEL	TYPE	PRICE	PAGE
Arts Computer Products, Inc.	ORATOR 1	Conversational	\$5,300	B-40
	ORATOR 2	Conversational	\$4,500	B-40
Computerwise, Inc.	TRANSTERM 1A	Conversational	\$449	B-41
	7315	Smart	N/A.	B-20
Honeywell, Inc.	7325	Smart	N/A.	B-20
	VDU 7020	Smart	N/A.	B-20
	VIP 7200	Smart	N/A.	B-20
	VIP 7201	Smart	N/A.	B-20
	VIP 7205	Smart	N/A.	B-20
	VIP 7207	Smart	N/A.	B-20
	VIP 7301	Smart	N/A.	B-20
	VIP 7303	Smart	N/A.	B-20
	VIP 7305	Smart	N/A.	B-21
	VIP 7307	Smart	N/A.	B-21
	VIP 7311	Smart	N/A.	B-21
	VIP 7321	Smart	N/A.	B-21
	VIP 7802	Smart	N/A.	B-21
	VIP 7803	Smart	N/A.	B-21
	VIP 7804	Smart	N/A.	B-21
	VIP 7805	Smart	N/A.	B-21
	VIP 7813	Smart	N/A.	B-21
	VIP 7814	Smart	N/A.	B-21
	VIP 7823	Smart	N/A.	B-21
ITT Courier Terminal Systems, Inc.	7700	Smart	N/A.	B-27
	7750	Smart	N/A.	B-27
Northern Telecom, Inc.	DISPLAY PHONE	Conversational	\$1,295	B-45
	4006	Conversational	\$3,900	B-46
Tektronix, Inc.	4012	Conversational	\$6,200	B-46
	4014-1	Smart	\$15,750	B-32
	4016-1	Smart	\$20,500	B-32
	4025A	Smart	\$5,900	B-32
	4027A	Smart	\$10,900	B-32
Thomas Engineering	T-780X	Smart	\$1,895	B-36
Transiac Corp.	TR 1024	Smart	\$4,500	B-36

IBM 3270-Compatible Terminals

VENDOR	MODEL	TYPE	PRICE	PAGE
Braegen Corp.	B-6	Smart	\$2,000	B-12
	8420	Conversational	\$1,500	B-40
	8520 SERIES	Smart	\$1,500	B-12
	8521	Smart	\$1,500	B-12
	8522	Smart	\$1,500	B-12
	8523	Smart	\$1,500	B-12
Carterfone Communications Corp.	CARTERFONE 7276	Smart	\$2,995	B-13
	8278 DISPLAY STATION	Smart	\$1,500	B-14
Computer Communications, Inc.	TRANSTERM 1A	Conversational	\$449	B-41
	CC-3278	Smart	\$3,300	B-14
Control Concepts Corp.	CC-3278	Conversational	\$1,300	B-41
	EM-3278	Smart	N/A.	B-14
Custom Terminals, Inc.	EM-3278	Smart	\$2,600	B-14
	CT11000A	Smart	\$2,350	B-15
Data General Corp.	DASHER D200	Conversational	N/A.	B-41

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
Datamedia Corp.	3270-S	Smart	N/A	B-15
	3270-B	Smart	N/A	B-15
	3270-B	Smart	N/A	B-15
Decision Data Computer Corp.	3751-11 DISPLAY STATION	Conversational	\$2,175	B-42
	3791-01 DISPLAY STATION	Conversational	\$1,810	B-42
Digitus Corp.	DIGITUS CAD/CAM WORK STATION	Smart	\$55,000	B-18
Epic Computer Products, Inc.	EPIC 327X	Smart	\$1,995	B-18
IBM	3104	Smart	N/A	B-21
	3178	Smart	\$1,660	B-21
	3276	Smart	\$6,390	B-21
	3277-1	Smart	\$1,470	B-21
	3277-2	Smart	\$1,905	B-21
	3278-1	Smart	\$2,185	B-21
	3278-2	Smart	\$2,060	B-22
	3278-3	Smart	\$2,525	B-22
	3278-5	Smart	\$3,070	B-22
	3279	Smart	N/A	B-22
	5251	Smart	N/A	B-22
	5252	Smart	N/A	B-22
	5291	Smart	N/A	B-22
	5292	Smart	N/A	B-22
	8775	Smart	N/A	B-22
Icot Corp.	ICOT-700	Smart	\$1,095	B-22
	ICOT-701	Smart	\$1,095	B-22
Informer Computer Terminals, Inc.	INFORMER 207	Smart	N/A	B-24
	INFORMER 376	Smart	N/A	B-24
	INFORMER 378	Smart	N/A	B-24
	MODEL 205	Conversational	N/A	B-43
ITT Courier Terminal Systems, Inc.	700-15	Smart	N/A	B-26
	700	Smart	\$1,550	B-26
	700-18	Smart	N/A	B-26
	2700-14	Smart	N/A	B-26
	2700-16	Smart	N/A	B-26
	2750	Smart	N/A	B-26
	2770	Smart	N/A	B-26
	2790-2A	Smart	N/A	B-26
	2790-3A	Smart	N/A	B-27
	2790-4A	Smart	N/A	B-27
Lee Data Corp.	MODEL 1216	Conversational	\$1,411	B-43
	MODEL 1218	Conversational	\$2,394	B-44
	MODEL 1220	Conversational	\$2,790	B-44
	MODEL 1230	Conversational	\$3,521	B-44
MDS Trivex	8078 SERIES	Smart	N/A	B-28
Memorex Corp.	1377 DISPLAY STATION	Conversational	\$1,100	B-44
	2051 DISPLAY STATION	Conversational	N/A	B-44
	2078 DISPLAY STATION	Conversational	\$3,435	B-44
	2079 COLOR DISPLAY STATION	Conversational	\$3,726	B-44
Microdata Corp.	7450	Conversational	\$1,990	B-44
Nixdorf Computer Corp.	171 DATA TERMINAL	Smart	\$1,550	B-29
	172 DATA TERMINAL	Smart	\$2,065	B-29
	8278-X2X	Smart	\$1,945	B-29
	8730	Smart	\$4,315	B-29
	DAP 4	Smart	\$1,945	B-29
Northern Telecom, Inc.	DISPLAY PHONE	Conversational	\$1,295	B-45
Paradyne Corp.	MODEL 9476	Smart	\$4,600	B-29
	MODEL 9478	Smart	\$2,000	B-29
Phase Information Machines Corp.	P3278	Smart	\$1,545	B-30
Product Development Services, Inc.	1150 INDUSTRIAL TERMINAL	Conversational	\$3,950	B-45
Protocol Computer, Inc.	PC151	Conversational	\$995	B-45
Racal-Milgo, Inc.	PC178	Conversational	\$995	B-45
	4276	Smart	\$3,550	B-31
	8278-2	Smart	\$1,640	B-31
	8278-3	Smart	\$2,333	B-31
	8278-4	Smart	\$2,333	B-31
	8278-5	Smart	\$2,556	B-31
Sperry Corp.	UTS 20	Smart	\$2,800	B-32
Teletype Corp.	4540	Smart	\$4,745 to \$5,040	B-33
	5540	Smart	\$4,500 to \$11,500	B-33
Telex Computer Products, Inc.	178	Smart	\$1,550	B-34
	276	Smart	N/A	B-34
	278 MODEL 2	Smart	N/A	B-34
	278 MODEL 3	Smart	N/A	B-34
	278 MODEL 4	Smart	N/A	B-34
	278 MODEL 5	Smart	N/A	B-34
	279	Smart	\$3,900	B-34
	476B	Smart	N/A	B-34
	476L	Smart	N/A	B-34
	476S	Smart	N/A	B-34

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
Wang Laboratories, Inc.	5300 SERIES	Smart	\$1,200	B-38
	5900 SERIES	Smart	\$6,200	B-38
	6300 SERIES	Smart	\$5,985	B-38
	AWS-1	Smart	\$7,700	B-38
	ERGO-2 MODEL 5740-4	Smart	\$8,000	B-38
	ERGO-2 MODEL 5947	Smart	\$7,700	B-38
	ERGO-2 MODEL 5948	Smart	\$7,000	B-38
	ERGO-2 MODEL 5949	Smart	\$8,000	B-38
	MODEL 2282	Smart	\$3,600	B-38
	MODEL 2336DW	Smart	\$2,000	B-38
	MODEL 5536	Smart	\$6,400	B-38
	MODEL 5937	Smart	N/A	B-38
	MODEL 5938	Smart	N/A	B-38
	MODEL 5939	Smart	N/A	B-39
	UKKF ERGO-2	Smart	\$2,200	B-39
	UGJGJLOMODEL 5846-4	Smart	\$6,700	B-39

NCR-Compatible Terminals

VENDOR	MODEL	TYPE	PRICE	PAGE
Arts Computer Products, Inc.	ORATOR 1	Conversational	\$5,300	B-40
	ORATOR 2	Conversational	\$4,500	B-40
Computerwise, Inc.	TRANSTERM 1A	Conversational	\$449	B-41
Northern Telecom, Inc.	DISPLAY PHONE	Conversational	\$1,295	B-45
Tab Products Co.	TAB 132/15	Smart	\$2,100	B-32
	TAB 132/15G	Smart	\$2,100	B-32
Tektronix, Inc.	4006	Conversational	\$3,900	B-46
	4012	Conversational	\$6,200	B-46
	4014-1	Smart	\$15,750	B-32
	4016-1	Smart	\$20,500	B-32
	4025A	Smart	\$5,900	B-32
	4027A	Smart	\$10,900	B-32
Transiac Corp.	TR 1024	Smart	\$4,500	B-36

Sperry-Compatible Terminals

VENDOR	MODEL	TYPE	PRICE	PAGE
Arts Computer Products, Inc.	ORATOR 1	Conversational	\$5,300	B-40
	ORATOR 2	Conversational	\$4,500	B-40
Chi Corp.	CHI 6830	Smart	\$2,700	B-13
Computerwise, Inc.	TRANSTERM 1A	Conversational	\$449	B-41
Intecolor	INTECOLOR 8001R/M	Smart	\$5,100	B-26
Northern Telecom, Inc.	DISPLAY PHONE	Conversational	\$1,295	B-45
Racal-Milgo, Inc.	4220/U200	Smart	\$3,370	B-31
	4220/UTS 20	Smart	\$3,370	B-31
Tektronix, Inc.	4006	Conversational	\$3,900	B-46
	4012	Conversational	\$6,200	B-46
	4014-1	Smart	\$15,750	B-32
	4016-1	Smart	\$20,500	B-32
	4025A	Smart	\$5,900	B-32
	4027A	Smart	\$10,900	B-32
Transiac Corp.	TR 1024	Smart	\$4,500	B-36

TTY-Compatible Terminals

VENDOR	MODEL	TYPE	PRICE	PAGE
Alpha Micro Systems	AM60	Smart	\$1,000	B-11
American Communications Corp.	AMCOM D	Conversational	\$449	B-40
	AMCOM P	Conversational	\$695	B-40

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
American Communications Corp.	AMCOM 1	Conversational	\$449	B-40
American Datacom	MODEL 300	Smart	\$2,995	B-11
	400 SERIES MODEL 400	Smart	\$2,895	B-11
	400 SERIES MODEL 450	Smart	\$3,895	B-11
Ampex Corp.	D-125	Smart	\$679	B-11
	D-150	Smart	\$649	B-11
	D-175	Smart	\$669	B-11
Anderson Jacobson, Inc.	AJ510	Conversational	\$1,995	B-40
	AJ520	Smart	\$2,395	B-11
Andromeda Systems, Inc.	VDI 11A	Conversational	\$1,700	B-40
	VDI 11B	Conversational	\$1,900	B-40
	VDI 11C	Conversational	\$2,200	B-40
Ann Arbor Terminals, Inc.	ANN ARBOR AMBASSADOR	Smart	\$1,595	B-11
	GENIE	Smart	\$1,195	B-11
	GENIE+	Smart	\$1,395	B-11
	GURU	Smart	\$2,395	B-12
Applied Digital Data Systems, Inc.	VIEWPOINT-COLOR	Smart	\$1,295	B-12
	VIEWPOINT A-1	Smart	\$650	B-12
	VIEWPOINT A-2	Smart	N/A	B-12
	VIEWPOINT 3A+	Smart	\$1,095	B-12
	VIEWPOINT 78	Smart	\$1,095	B-12
	VIEWPOINT 90	Smart	\$1,295	B-12
Arts Computer Products, Inc.	ORATOR 1	Conversational	\$5,300	B-40
	ORATOR 2	Conversational	\$4,500	B-40
Burr Brown Research Corp.	TM25	Smart	\$256	B-12
	TM27	Smart	\$250	B-12
	TM70	Smart	\$495	B-12
	TM71	Smart	\$595	B-12
	TM71B	Smart	\$1,495	B-12
	TM71-IO	Smart	\$695	B-13
	TM76	Smart	\$495	B-13
	TM77	Smart	\$595	B-13
	TM77B	Smart	\$1,495	B-13
	TM77-IO	Smart	\$69,500	B-13
CIE Systems, Inc.	CIT-80	Conversational	\$1,195	B-40
	CIT-101	Conversational	\$1,495	B-40
	CIT-101E	Smart	\$1,495	B-13
	CIT-161	Conversational	\$2,595	B-40
	CIT-414	Conversational	\$1,895	B-40
	CIT-427	Conversational	N/A	B-40
	CIT-500	Smart	\$2,150	B-13
Cobar, Inc.	3100	Conversational	\$1,195	B-40
	COBAR 3132	Smart	\$1,495	B-14
Colorgraphic Communications Corp.	MVI-7	Smart	\$3,500	B-14
	MVI-100	Smart	\$2,750	B-14
Computerwise, Inc.	TRANSTERM 1	Conversational	\$449	B-41
	TRANSTERM 1A	Conversational	\$449	B-41
	TRANSTERM 2	Conversational	\$549	B-41
	TRANSTERM 3	Conversational	\$499	B-41
Control Data Corp.	MODEL 714-30	Smart	N/A	B-14
	MODEL 714-40	Smart	N/A	B-14
	MODEL 722	Smart	N/A	B-14
	VIKING 721-20	Smart	N/A	B-14
	VIKING 721-30	Smart	N/A	B-14
Cromemco, Inc.	3102	Smart	\$2,295	B-14
	CI, CTI, CKBA	Conversational	\$885	B-41
	CI, CTI, CKBC	Conversational	\$1,085	B-41
Data General Corp.	6052 DASHER	Conversational	N/A	B-41
	6053 DASHER	Conversational	N/A	B-41
	DASHER D100	Conversational	N/A	B-41
	DASHER D280C	Conversational	N/A	B-41
	DASHER G300	Conversational	N/A	B-41
	DASHER D400	Conversational	N/A	B-41
	DASHER D450	Conversational	N/A	B-41
Datamedia Corp.	COLORSCAN 10	Conversational	N/A	B-41
	COLORSCAN 10 RETROGRAPHICS	Smart	N/A	B-15
	COLORSCAN 30	Conversational	N/A	B-41
	COLORSCAN 60	Smart	N/A	B-15
	COLORSCAN 60 RETROGRAPHICS	Smart	N/A	B-15
	COLORSCAN 70	Conversational	N/A	B-15
	EXCEL 10	Conversational	N/A	B-42
	EXCEL 20	Conversational	N/A	B-42
	EXCEL 30	Conversational	N/A	B-42
	EXCEL 30 MULTIPLE ATTRIBUTE WP	Smart	N/A	B-15
	EXCEL 40	Smart	N/A	B-15
	EXCEL 60	Smart	N/A	B-15
Data Type, Inc.	X5A	Conversational	\$4,995	B-42

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
Data Type, Inc.	XK1	Conversational	\$4,495	B-42
Datavue Corp.	132C	Smart	\$1,795	B-15
Delta Data Systems Corp.	D2830 IJ	Smart	\$1,895	B-15
	DELTA 2100	Conversational	\$1,995	B-42
	DELTA 2202	Smart	\$2,300	B-15
	DELTA 2830 II	Smart	\$1,695	B-18
	TC 2832	Smart	\$4,995	B-18
Digital Equipment Corp.	VT100	Smart	\$2,140	B-18
	VT101	Conversational	\$1,350	B-42
	VT102	Smart	\$1,710	B-18
	VT125	Smart	\$3,800	B-18
	VT131	Smart	\$1,825	B-18
Envision	ENVISION 210	Smart	\$2,750	B-18
	ENVISION 220	Smart	\$4,950	B-18
Esprit Systems, Inc.	ESPRIT	Smart	N/A	B-18
	EXECUTIVE 80/20	Smart	N/A	B-18
	EXECUTIVE 80/30	Smart	N/A	B-19
	HAZELTINE III	Smart	N/A	B-19
Falco Data Products, Inc.	TS1	Smart	\$1,195	B-19
General Terminal Corp.	SW 10	Smart	\$849	B-19
Genisio Computers Corp.	G-1000	Smart	\$9,950	B-19
	G-2200	Smart	\$12,500	B-19
Graftek, Inc.	METEOR WS-1024	Smart	\$35,000	B-19
Heath Co.	ZTX-10	Smart	\$399	B-19
Hewlett-Packard Co.	2382A	Conversational	\$1,720	B-20
	2621B/2629L	Smart	\$3,250	B-20
	2623A	Smart	\$3,250	B-20
	2624B	Smart	\$3,035	B-20
	2626A	Smart	\$4,400	B-20
	2648A	Smart	\$7,150	B-20
	HP2627A	Smart	\$5,975	B-20
	HP2645A	Smart	\$4,600	B-20
IBM	3101	Smart	\$1,295	B-21
ID Systems Corp.	ID-100	Smart	\$3,895	B-22
	ID-100MVBS	Smart	\$3,395	B-22
	ID-100MVA	Smart	\$2,895	B-22
	ID-100MVBLP	Smart	\$3,895	B-22
	ID-100V	Smart	\$3,895	B-24
	ID-100VA	Smart	\$4,395	B-24
	ID-100VBLP	Smart	\$5,895	B-24
	ID-100VBS	Smart	\$5,395	B-24
Informer Computer Terminals, Inc.	304	Smart	N/A	B-24
	INFORMER 207	Smart	N/A	B-24
	INFORMER 401	Smart	N/A	B-24
	MODEL 201	Conversational	N/A	B-43
	MODEL 202	Conversational	N/A	B-43
	MODEL 203	Conversational	N/A	B-43
Intecolor	INTECOLOR VHR-19	Smart	\$6,700	B-24
	INTECOLOR 2405	Smart	\$1,295	B-24
	INTECOLOR 2427D	Smart	\$2,695	B-24
	INTECOLOR 8001G	Smart	\$2,745	B-24
	INTECOLOR 8001H	Smart	\$3,175	B-26
	INTECOLOR 8001R	Smart	\$3,975	B-26
	INTECOLOR 8001UL	Smart	\$3,795	B-26
	INTECOLOR 8301G	Smart	\$3,045	B-26
	INTECOLOR 8301H	Smart	\$3,440	B-26
	INTECOLOR 8301R	Smart	\$4,240	B-26
Interaction Systems, Inc.	TT/100	Conversational	\$4,000	B-43
	TT/150	Conversational	\$2,470	B-43
IXO, Inc.	TC-101 PORTABLE TERMINAL	Conversational	\$300	B-43
	TC-102 PORTABLE TERMINAL	Conversational	\$325	B-43
	TC-200 PORTABLE TERMINAL	Smart	\$350	B-27
John Fluke Manufacturing Co., Inc.	1780A	Conversational	\$1,995	B-43
Jupiter Systems, Inc.	JUPITER 7 PLUS	Smart	\$15,000	B-27
Kimtron Corp.	ABM 83	Smart	\$695	B-27
	ABM 85	Smart	\$795	B-27
	ABM 85H	Smart	\$865	B-27
	ABM 86	Smart	\$995	B-27
Leas Siegler, Inc.	ADM 3A	Conversational	\$595	B-43
	ADM 5	Conversational	\$645	B-43
	ADM 23	Smart	\$795	B-27
	ADM 24	Smart	\$1,195	B-27
	ADM 42	Smart	\$2,195	B-28
	ADM II	Conversational	\$695	B-43
Lee Data Corp.	MODEL 1216	Conversational	\$1,411	B-43
	MODEL 1218	Conversational	\$2,394	B-44
	MODEL 1220	Conversational	\$2,790	B-44

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
Liberty Electronics, U.S.A.	FREEDOM 50	Smart	\$395	B-28
	FREEDOM 100	Smart	\$595	B-28
Mergenthaler/Micro-Tek	ADCOM	Smart	\$20,000	B-28
	MG4003 (TEXT TERMINAL)	Smart	N/A	B-28
Microdata Corp.	PRISM IV	Conversational	\$1,495	B-44
Micro-Term, Inc.	ACT 5A	Smart	\$995	B-28
	ERGO 201	Smart	\$695	B-28
	ERGO 301	Smart	\$695	B-28
	ERGO 4000	Smart	\$1,895	B-28
	MIME 2A	Smart	\$1,045	B-29
Miltape Corp.	MIL-TERM-280	Conversational	\$15,600	B-44
Motorola, Inc.	EXORTERM 155	Smart	\$2,590	B-29
NABU Commercial Terminal, Inc.	3100	Smart	\$1,095	B-29
	4404	Conversational	\$695	B-44
NCR Corp.	7900 MODEL 1	Conversational	N/A	B-44
	7900 MODEL 2	Conversational	N/A	B-44
	7900 MODEL 3	Conversational	N/A	B-44
	7900 MODEL 4	Conversational	N/A	B-44
Nixdorf Computer Corp.	NCR 7901	Conversational	\$850	B-45
Northern Telecom, Inc.	NIXDORF 8141	Smart	\$2,300	B-29
Novation, Inc.	DISPLAY PHONE	Conversational	\$1,295	B-45
	EXECUTIVE	Smart	\$945	B-29
Perkin-Elmer Corp.	MAXI & CCITT	Smart	\$1,150	B-29
	550	Conversational	N/A	B-45
	550B	Conversational	N/A	B-45
	550E	Conversational	N/A	B-45
	550S	Smart	N/A	B-29
	1245	Smart	N/A	B-30
	1250	Smart	N/A	B-30
	1251	Smart	N/A	B-30
PHC, Inc.	DATA STATION	Smart	N/A	B-30
Phoenix Digital Corp.	IWS 100	Conversational	\$1,595	B-45
	IDT 900A	Smart	\$5,850	B-30
	IDT 900A-D	Smart	\$6,825	B-30
	OPTOVUE 100	Smart	\$3,850	B-30
Plessey Peripheral Systems	PT-600 COLOR TERMINAL	Smart	\$3,200	B-30
Prime Computer, Inc.	PT 25	Smart	N/A	B-30
	PT 45	Smart	N/A	B-30
Product Development Services, Inc.	1150 INDUSTRIAL TERMINAL	Conversational	\$3,950	B-45
Protocol Computer, Inc.	PC151	Conversational	\$395	B-45
	PC178	Conversational	\$995	B-45
Qume Corp.	QVT-102	Smart	\$695	B-31
	QVT-103	Smart	\$1,095	B-31
	QVT-108	Smart	\$895	B-31
Sanyo Business Systems Corp.	CRX101	Smart	N/A	B-31
Seiko Instruments U.S.A., Inc.	D-SCAN 2212	Smart	N/A	B-31
	D-SCAN 2412	Smart	\$21,850	B-32
Sperry Corp.	UTS 10	Conversational	\$1,428 to \$1,720	B-45
Tab Products Co.	TAB 132/15	Smart	\$2,100	B-32
	TAB 132/15G	Smart	\$3,295	B-32
Tandberg Data, Inc.	TDV 2200 SERIES	Smart	\$1,875	B-32
TEC, Inc.	TEC ET 100	Smart	\$1,975	B-32
Tektronix, Inc.	4006	Conversational	\$3,900	B-46
	4012	Conversational	\$6,200	B-46
	4014-1	Smart	\$15,750	B-32
	4016-1	Smart	\$20,500	B-32
	4025A	Smart	\$5,900	B-32
	4027A	Smart	\$10,900	B-32
Telcon Industries, Inc.	780	Smart	\$2,595	B-32
	GC-100	Smart	\$3,395	B-32
	GC-500	Smart	\$1,195	B-33
	VCS-780 DX	Smart	\$3,795	B-33
	VCS-780D	Smart	\$3,495	B-33
Teleray	16-7801	Smart	\$1,795	B-33
	16-APL	Smart	\$1,545	B-33
	16-GRF	Smart	\$3,000	B-33
	MODEL 7	Smart	\$1,295	B-33
Telesensory Systems, Inc.	P2C	Conversational	\$6,950	B-46
Teletype Corp.	4430	Smart	\$4,245	B-33
	5410	Conversational	\$995	B-46
	5420	Smart	\$1,495	B-33
Telavideo Systems, Inc.	910	Conversational	\$649	B-46
	910 PLUS	Smart	\$695	B-34
	914	Smart	\$695	B-34
	924	Smart	\$899	B-34
	925	Smart	\$995	B-34
	950	Smart	\$1,195	B-34

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
TeleVideo Systems, Inc.	970	Smart	\$1,495	B-34
Telpar, Inc.	801	Smart	\$3,200	B-36
	802	Smart	\$3,950	B-36
	IT051C	Smart	\$3,200	B-36
	IT801C	Smart	\$3,200	B-36
	IT802C	Smart	\$3,950	B-36
	M651C	Smart	\$3,200	B-36
Transiac Corp.	TR 1024	Smart	\$4,500	B-36
Trans-Lux Corp.	TRANSLUX CONNECTION	Conversational	\$3,495	B-48
Trendcom	WHISPER SCREEN	Smart	\$1,695	B-36
Visual Technology, Inc.	VISUAL 55	Conversational	\$895	B-48
	VISUAL 100	Smart	\$1,345	B-36
	VISUAL 110	Smart	\$1,395	B-36
	VISUAL 200	Smart	N/A	B-36
	VISUAL 310	Smart	\$1,300	B-36
	VISUAL 330	Smart	\$1,150	B-36
	VISUAL 400	Smart	N/A	B-36
	VISUAL 500	Smart	\$2,495	B-38
	VISUAL 550	Smart	N/A	B-38
Wang Laboratories, Inc.	5300 SERIES	Smart	\$1,200	B-38
	5900 SERIES	Smart	\$6,200	B-38
	6300 SERIES	Smart	\$5,985	B-38
	AWS-1	Smart	\$7,700	B-38
	ERGO-2 MODEL 5740-4	Smart	\$8,000	B-38
	ERGO-2 MODEL 5947	Smart	\$7,700	B-38
	ERGO-2 MODEL 5948	Smart	\$7,000	B-38
	ERGO-2 MODEL 5949	Smart	\$8,000	B-38
	MODEL 2282	Smart	\$3,600	B-38
	MODEL 2336DW	Smart	\$2,000	B-38
	MODEL 5538	Smart	\$6,400	B-38
	MODEL 5937	Smart	N/A	B-38
	MODEL 5938	Smart	N/A	B-38
	MODEL 5939	Smart	N/A	B-39
	UFKF ERGO-2	Smart	\$2,200	B-39
	UGJGJLOMODEL 5846-4	Smart	\$6,700	B-39
World Storage Technology Ltd.	SERIES 4100	Smart	\$2,500	B-39
Wyse Technology, Inc.	WY-100	Smart	\$900	B-39
	WY-300	Smart	\$1,295	B-39
Xeta, Inc.	XETA	Conversational	\$395	B-48
Zenith Data Systems	Z-19	Smart	\$895	B-39
	Z-28	Smart	\$849	B-39
	ZT-1	Smart	\$699	B-39
	ZT1	Smart	\$590	B-39
Zentec Corp.	COBRA	Smart	\$1,250	B-39
	ZEPHYR	Smart	\$1,150	B-39

Terminals With Other Compatibilities

VENDOR	MODEL	TYPE	PRICE	PAGE
Ampex Corp.	D-175	Smart	\$869	B-11
Andromeda Systems, Inc.	VDI 11C	Conversational	\$2,200	B-40
Arts Computer Products, Inc.	ORATOR 1	Conversational	\$5,300	B-40
	ORATOR 2	Conversational	\$4,500	B-40
Data General Corp.	DASHER D280C	Conversational	N/A	B-41
Datamedia Corp.	COLORSCAN 10	Conversational	N/A	B-41
	COLORSCAN 30	Conversational	N/A	B-41
	COLORSCAN 60 RETROGRAPHICS	Smart	N/A	B-15
	COLORSCAN 70 RETROGRAPHICS	Smart	N/A	B-15
	EXCEL 30 MULTIPLE ATTRIBUTE WP.	Smart	N/A	B-15
	EXCEL 70	Conversational	N/A	B-42
Heath Co.	ZTX-10	Smart	\$399	B-19
	ZTX-11	Smart	\$449	B-19
Miltope Corp.	MIL-TERM-280	Conversational	\$15,600	B-44
PHC, Inc.	IWS 100	Conversational	\$1,595	B-45
Plessey Peripheral Systems	PT-1008 VIDEO DISPLAY TERMINAL	Smart	\$1,450	B-30
	PT-600 COLOR TERMINAL	Smart	\$3,200	B-30
	4150 MONITOR	Conversational	\$1,900	B-45
Product Development Services, Inc.	UTS 20	Smart	\$2,800	B-32
Sperry Corp.	TAB 132/15	Smart	\$2,100	B-32
Tab Products Co.	TAB 132/15G	Smart	\$3,295	B-32
Taihan Electric Wire Co., Ltd.	TH-3	Conversational	N/A	B-48

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
Tektronix, Inc.	4025A	Smart	\$5,900	B-32
	4027A	Smart	\$10,900	B-32
Teleray	MODEL 100	Smart	\$1,395	B-33
TeleVideo Systems, Inc.	970	Smart	\$1,495	B-34
Visual Technology, Inc.	VISUAL 310	Smart	\$1,300	B-36

Terminals With No Compatibility Specified

VENDOR	MODEL	TYPE	PRICE	PAGE
Advanced Electronics Design, Inc.	AED 767	Smart	\$5,995	B-11
	AED 1024	Smart	\$9,995	B-11
Altos Computer Systems	ALTOS II	Smart	\$1,195	B-11
Applied Digital Data Systems, Inc.	VIEWPOINT 79	Smart	N/A	B-12
Arts Computer Products, Inc.	LPVT	Conversational	\$5,300	B-40
Carterfone Communications Corp.	CARTERFONE 7700	Smart	\$9,800	B-13
	CARTERFONE 7800	Smart	\$5,020	B-13
Chromatics, Inc.	CT 4100	Smart	\$2,995	B-13
	CT 4200	Smart	\$3,995	B-13
	CT 4300	Smart	\$5,995	B-13
Computerwise, Inc.	TRANSTERM 3P	Smart	\$649	B-14
Datamedia Corp.	COLORSCAN 30 RETROGRAPHICS	Smart	N/A	B-15
Direct, Inc.	HP-825	Smart	\$1,890	B-18
Epic Computer Products, Inc.	EPIC 14E	Smart	\$995	B-18
Fujitsu America, Inc.	8840	Smart	\$3,200	B-19
	8844	Smart	\$3,680	B-19
	8846	Smart	\$4,920	B-19
General Digital Corp.	VUE POINT	Conversational	\$3,500	B-42
General Terminal Corp.	AVANT 251-251	Smart	\$995	B-19
	SW 80	Smart	\$995	B-19
Harris Corp.	1675	Conversational	N/A	B-42
	1685	Conversational	N/A	B-42
Heath Co.	Z-29	Smart	\$649	B-19
Hewlett-Packard Co.	2622A	Smart	\$2,210	B-20
	2700	Smart	\$19,990	B-20
IBM	3278-4	Smart	\$2,650	B-22
	3290	Smart	\$7,100	B-22
	4704	Smart	N/A	B-22
ICL, Inc.	KOKUSAI KDS 7362	Conversational	\$800	B-43
IMS International	IMS ULTIMA II	Smart	N/A	B-24
Intecolor	INTECOLOR 2405D	Smart	\$1,295	B-24
Intertec Data Systems Corp.	INTERTUBE	Smart	\$795	B-26
Kennewick Industrial Corp.	KIE-3682	Conversational	\$995	B-43
Lear Siegler, Inc.	ADM 22	Smart	\$695	B-27
	ADM 31	Smart	\$1,095	B-28
	ADM 32	Smart	\$1,295	B-28
	ADM 36	Smart	\$1,195	B-28
	ADM 36I	Smart	\$1,800	B-28
Leo Data Corp.	MODEL 1231	Conversational	\$3,841	B-44
Mixdorf Computer Corp.	8026A	Smart	\$3,970	B-29
Pontel of America, Ltd.	PVW 2000	Smart	\$4,000	B-29
Perry Data Systems, Inc.	9200	Conversational	\$1,375	B-45
	9310	Conversational	\$3,500	B-45
	9460	Conversational	\$3,500	B-45
Prime Computer, Inc.	PST 100	Smart	N/A	B-30
Product Development Services, Inc.	2150	Smart	\$4,339	B-30
PUTech	GTC 329	Conversational	N/A	B-45
Qantel Corp.	QANTEL 4031	Smart	\$2,700	B-30
Racal-Milgo, Inc.	4010	Smart	\$3,555	B-31
	4015	Smart	\$4,155	B-31
Sanyo Business Systems Corp.	CRX1100	Smart	\$695	B-31
Tandem Computers, Inc.	TANDEM 6530	Smart	\$2,575	B-32
Tandy Corp.	DT-1	Conversational	\$699	B-46
TEC, Inc.	TEC 630	Smart	\$1,310	B-32
Telecom Terminal Systems	TRAVELVISION	Smart	N/A	B-33
	VISION 1	Smart	\$1,545	B-33
Teleray	MODEL 16	Smart	\$1,545	B-33
Termiflex Corp.	CD-20	Conversational	\$495	B-46
	HT-2	Conversational	\$2,495	B-46
	HT-3	Conversational	\$795	B-46
	HT-4	Conversational	\$1,198	B-46
	HT-6	Conversational	\$1,795	B-46

Smart/Conversational Terminals Index

VENDOR	MODEL	TYPE	PRICE	PAGE
Termiflex Corp.	HT-6W	Conversational	\$2,980	B-46
	HT-7	Conversational	\$2,595	B-46
	HT-7W	Conversational	\$3,780	B-46
	HT-8	Conversational	\$3,995	B-46
	HT-8W	Conversational	\$5,180	B-48
	HT-10	Conversational	\$495	B-48
	HT-11	Conversational	\$595	B-48
	HT-12	Conversational	\$750	B-48
	HT-12MO	Conversational	\$400	B-48
	HT-20	Conversational	\$495	B-48
	HT-1000	Conversational	\$795	B-48
Trans-Lux Corp.	VIDIQUOTE	Conversational	\$2,000	B-48
Tymshare, Inc.	SCANSET XL	Conversational	\$895	B-48
	SCANSET 410	Conversational	\$495	B-48
	SCANSET 415	Conversational	\$649	B-48
	SCANSET 415/HS	Conversational	\$1,295	B-48

ADVANCED ELECTRONICS DESIGN, INC.

AED 767
Specific Application: CAD/CAM
Plug Compatibility: Tektronix 4010
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 13 in., standard; 19 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: Yes
Program Function Keys: 18, standard; 18, maximum
List Price: \$5,995
Distribution Method: End user
Date First Installed: January 1981
(See Vendor Profile Page V-1)

ADVANCED ELECTRONICS DESIGN, INC.

AED 1024
Specific Application: CAD/CAM
Plug Compatibility: Tektronix 4010
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 13 in., standard; 19 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: Yes
Program Function Keys: 18, standard; 18, maximum
List Price: \$9,995
Distribution Method: End user
Date First Installed: July 1983

ALPHA MICRO

AM60
Compatibility: TTY
Terminal Configuration: Cluster; 6
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 26
Character/Line: 80
Color Capability: No
Program Function Keys: 16
List Price: \$1,000
Distribution Method: Third-party
Date First Installed: April 1983
(See Vendor Profile Page V-2)

ALTO COMPUTER SYSTEMS

ALTO II
Communications Protocols: X.25, Asynchronous, Synchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 25, standard; 40, optional

Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 16, standard; 32, maximum
List Price: \$1,195
Distribution Method: End user, OEM, Third-party
(See Vendor Profile Page V-2)

AMERICAN DATACOM

AMERICAN DATACOM MODEL 300
Specific Application: Telex
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
List Price: \$2,995
Distribution Method: End user
Date First Installed: September 1978
(See Vendor Profile Page V-2)

AMERICAN DATACOM

AMERICAN DATACOM 400 SERIES MODEL 400
Specific Application: Telex
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 1,200 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$2,895
Distribution Method: End user
Date First Installed: January 1982

AMERICAN DATACOM

AMERICAN DATACOM 400 SERIES MODEL 450
Specific Application: Telex
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 1,200 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,895
Distribution Method: End user
Date First Installed: March 1983

AMPEX CORP.

D-125
Specific Application: WP

Data Entry
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$679
Distribution Method: End user, OEM, Third-party
Date First Installed: March 1983
(See Vendor Profile Page V-2)

AMPEX CORP.

D-150
Specific Application: Data Entry, WP
Compatibility: TTY
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 20, standard; 20, maximum
List Price: \$849
Distribution Method: End user, OEM, Third-party
Date First Installed: November 1982

AMPEX CORP.

D-175
Specific Application: Data Entry, WP
Compatibility: TTY; ADDS; DEC
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 20, standard; 20, maximum
List Price: \$869
Distribution Method: End user, OEM, Third-party
Date First Installed: November 1982

ANDERSON JACOBSON, INC.

AJS20
Compatibility: TTY
Plug Compatibility: DEC VT100, VT52
Terminal Configuration: Stand-alone
Communications Protocols: None, APL
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24

Character/Line: 132
Color Capability: 2 colors
Program Function Keys: 24, standard; 24, maximum
List Price: \$2,395
Average Monthly Maintenance: \$120
Distribution Method: End user, Third-party
Date First Installed: January 1982
(See Vendor Profile Page V-3)

ANN ARBOR TERMINALS, INC.

ANN ARBOR AMBASSADOR
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 60
Character/Line: 80
Color Capability: No
Program Function Keys: 36
List Price: \$1,595
Average Monthly Maintenance: \$6
Distribution Method: End user, OEM, Third-party
Date First Installed: November 1980
(See Vendor Profile Page V-3)

ANN ARBOR TERMINALS, INC.

GENIE
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 30
Character/Line: 80
Color Capability: No
Program Function Keys: 26
List Price: \$1,195
Average Monthly Maintenance: \$6
Distribution Method: End user, OEM, Third-party
Date First Installed: November 1982

ANN ARBOR TERMINALS, INC.

GENIE II
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 30
Character/Line: 80
Color Capability: No
Program Function Keys: 36
List Price: \$1,395
Average Monthly Maintenance: \$6
Distribution Method: End user, OEM, Third-party
Date First Installed: November 1982

Smart Terminals

ANN ARBOR TERMINALS, INC.

GURU
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bismynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 66
Character/Line: 170
Color Capability: No
Program Function Keys: 36
List Price: \$2,395
Average Monthly Maintenance: \$6
Distribution Method: End user, OEM, Third-party
Date First Installed: June 1983

APPLIED DIGITAL DATA SYSTEMS, INC.

VIEWPOINT-COLOR
Compatibility: TTY
Terminal Configuration: Cluster; 2
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16, standard; 16, maximum
List Price: \$1,235
Average Monthly Maintenance: \$2
Distribution Method: Third-party
Date First Installed: June 1983
(See Vendor Profile Page V-3)

APPLIED DIGITAL DATA SYSTEMS, INC.

VIEWPOINT A-1
Compatibility: TTY
Terminal Configuration: Cluster
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 6, standard; 6, maximum
List Price: \$650
Average Monthly Maintenance: \$2
Distribution Method: Third-party
Date First Installed: January 1981

APPLIED DIGITAL DATA SYSTEMS, INC.

VIEWPOINT A-2
Compatibility: TTY
Terminal Configuration: Cluster; 2
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 6, standard; 6, maximum
Average Monthly Maintenance: \$2

Distribution Method: Third-party
Date First Installed: June 1981

APPLIED DIGITAL DATA SYSTEMS, INC.

VIEWPOINT 3A+
Compatibility: TTY
Terminal Configuration: Cluster; 2
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$1,095
Average Monthly Maintenance: \$2
Distribution Method: Third-party
Date First Installed: September 1981

APPLIED DIGITAL DATA SYSTEMS, INC.

VIEWPOINT 78
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols: SDLC
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 32, standard; 32, maximum
List Price: \$1,095
Average Monthly Maintenance: \$2
Distribution Method: Third-party
Date First Installed: April 1983

APPLIED DIGITAL DATA SYSTEMS, INC.

VIEWPOINT 79
Terminal Configuration: Stand-alone
Communications Protocols: SDLC
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 4 colors
Program Function Keys: 32, standard; 32, maximum
Average Monthly Maintenance: \$2
Distribution Method: End user
Date First Installed: September 1983

APPLIED DIGITAL DATA SYSTEMS, INC.

VIEWPOINT 90
Compatibility: TTY
Terminal Configuration: Stand-alone
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 30, standard; 30, maximum
List Price: \$1,295
Average Monthly Maintenance: \$2
Distribution Method: Third-party
Date First Installed: 1982

BRAEEN CORP.

8520 SERIES
Specific Application: Data Entry; Personal Computing
Plug Compatibility: IBM 3270
Terminal Configuration: Cluster; 60
Communications Protocols: Synchronous
Data Transmission Characteristics: Half-Duplex; Full-Duplex; Synchronous; Ascii; Ebcidic
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Distribution Method: End user
Date First Installed: November 1983
(See Vendor Profile Page V-5)

BRAEEN CORP.

8521
Plug Compatibility: IBM 3270
Terminal Configuration: Cluster; 60
Communications Protocols: Synchronous
Data Transmission Characteristics: Half-Duplex; Full-Duplex; Synchronous; Ascii; Ebcidic
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Distribution Method: End user
Date First Installed: November 1983

BRAEEN CORP.

8522
Plug Compatibility: IBM 3270
Terminal Configuration: Cluster; 60
Communications Protocols: Synchronous
Data Transmission Characteristics: Half-Duplex; Full-Duplex; Synchronous; Ascii; Ebcidic
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 32, optional
Character/Line: 80, standard; 32, optional
Distribution Method: End user
Date First Installed: November 1983

BRAEEN CORP.

8523
Specific Application: Data Entry; Personal Computing
Plug Compatibility: IBM 3270
Terminal Configuration: Cluster; 60
Communications Protocols: Synchronous
Data Transmission Characteristics: Half-Duplex; Full-Duplex; Synchronous; Ascii; Ebcidic
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 32 or 43, optional
Character/Line: 80
Distribution Method: End user
Date First Installed: November 1983

BRAEEN CORP.

B-8
Plug Compatibility: IBM 3270
Terminal Configuration: Cluster; 32
Communications Protocols: Bismynchronous; Synchronous
Data Transmission Characteristics: Half-Duplex; Full-Duplex; Synchronous; Ascii; Ebcidic
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Date First Installed: 1976

BURR BROWN RESEARCH CORP.

TM25

Specific Application: Data Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols: Bismynchronous
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 300 bit/sec
Character/Line: 8
Program Function Keys: 8
List Price: \$256
Distribution Method: End user, Third-party
Date First Installed: June 1979
(See Vendor Profile Page V-5)

BURR BROWN RESEARCH CORP.

TM27
Specific Application: Data Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols: Bismynchronous
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Line/Screen: 1
Character/Line: 8
Program Function Keys: 8
List Price: \$250
Distribution Method: End user, Third-party

BURR BROWN RESEARCH CORP.

TM70
Specific Application: Data Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols: Bismynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 1,200 bit/sec
Line/Screen: 1
Character/Line: 12
Program Function Keys: 8
List Price: \$495
Distribution Method: End user, Third-party

BURR BROWN RESEARCH CORP.

TM71
Specific Application: Data Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols: Bismynchronous
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Line/Screen: 1
Character/Line: 16
Program Function Keys: 8
List Price: \$595
Distribution Method: End user, Third-party

BURR BROWN RESEARCH CORP.

TM71B
Specific Application: Data Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16

Smart Terminals

Communications Protocols:

Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 19,200 bit/sec
Line/Screen: 1
Character/Line: 16
Program Function Keys: 8
List Price: \$1,495
Distribution Method: End user,
 Third-party
Date First Installed: March 1982

BURR BROWN RESEARCH CORP.

TM71-IO
Specific Application: Data
 Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 19,200 bit/sec
Line/Screen: 1
Character/Line: 16
Program Function Keys: 8
List Price: \$695
Distribution Method: End user,
 Third-party

BURR BROWN RESEARCH CORP.

TM78
Specific Application: Data
 Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 1,200 bit/sec
Line/Screen: 1
Character/Line: 12
Program Function Keys: 8
List Price: \$495
Distribution Method: End user,
 Third-party

BURR BROWN RESEARCH CORP.

TM77
Specific Application: Data
 Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 19,200 bit/sec
Line/Screen: 1
Character/Line: 16
Program Function Keys: 8
List Price: \$595
Distribution Method: End user,
 Third-party

BURR BROWN RESEARCH CORP.

TM77B
Specific Application: Data
 Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex

Maximum Transmission Speed:

19,200 bit/sec
Line/Screen: 1
Character/Line: 16
Program Function Keys: 8
List Price: \$1,495
Distribution Method: End user,
 Third-party
Date First Installed: March 1982

BURR BROWN RESEARCH CORP.

TM77-IO
Specific Application: Data
 Collection
Compatibility: TTY
Terminal Configuration: Cluster; 16
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
 19,200 bit/sec
Line/Screen: 1
Character/Line: 16
Program Function Keys: 8
List Price: \$69,500
Distribution Method: End user,
 Third-party

BURROUGHS CORP.

ET 1100
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Asynchronous, Synchronous,
 Burroughs, Pol/Select
Data Transmission Characteristics:
 Half-Duplex, Asynchronous,
 Synchronous
Maximum Transmission Speed:
 38,400 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 26
Character/Line: 80
Program Function Keys: 10,
 standard; 20 maximum
List Price: \$1895
Distribution Method: End user
Date First Installed: July 1983
(See Vendor Profile Page V-5)

CARTERFONE COMMUNICATIONS CORP.

CARTERFONE 7278
Specific Application: Data Entry
Compatibility: IBM 3270
Terminal Configuration: Stand-
 alone
Communications Protocols: X.25,
 Asynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Synchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24
List Price: \$2,995
Distribution Method: Third-party
Date First Installed: 1982
(See Vendor Profile Page V-6)

CARTERFONE COMMUNICATIONS CORP.

CARTERFONE 7700
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:

300 bit/sec

Integrated Modem/Coupler:
 Optional
Diagonal Screen Size: 12 in.
Character/Line: 64
List Price: \$9,800
Distribution Method: Third-party
Date First Installed: 1982

CARTERFONE COMMUNICATIONS CORP.

CARTERFONE 7800
Specific Application: Data Entry
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 1,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 3
List Price: \$5,020
Distribution Method: Third-party
Date First Installed: 1979

CARTERFONE COMMUNICATIONS CORP.

CARTERFONE 9830
Specific Application: Data Entry
Compatibility: Burroughs
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous, X.25, TDI
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 12, standard; 24,
 optional
Character/Line: 40, standard; 80,
 optional
Program Function Keys: 4
List Price: \$1,495
Distribution Method: Third-party
Date First Installed: 1983

CHI CORP.

CHI 8830
Compatibility: Sperry
Plug Compatibility: Sperry UTS400
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Synchronous, Ascii
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 22,
 standard; 22, maximum
List Price: \$2,700
Average Monthly Maintenance: \$35
Distribution Method: End user,
 Third-party
Date First Installed: 1981
(See Vendor Profile Page V-6)

CHROMATICS, INC.

CT 4100
Specific Application: Process
 Control
Terminal Configuration: Stand-
 alone
Communications Protocols:

Bisynchronous

Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 96,000 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 48
Character/Line: 85
Color Capability: 8 colors
List Price: \$2,995
Distribution Method: End user
(See Vendor Profile Page V-6)

CHROMATICS, INC.

CT 4200
Specific Application: Graphics
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 834
Character/Line: 80
Color Capability: 16 colors, optional
Program Function Keys: 16,
 standard; 16, maximum
List Price: \$3,995
Distribution Method: End user
Date First Installed: July 1983

CHROMATICS, INC.

CT 4300
Specific Application: Graphics
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 768
Character/Line: 80
Color Capability: 16 colors, optional
Program Function Keys: 16
List Price: \$6,995
Distribution Method: End user
Date First Installed: July 1983

CIE SYSTEMS, INC.

CIT-101E
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 132
List Price: \$1,495
Distribution Method: Third-party
(See Vendor Profile Page V-6)

CIE SYSTEMS, INC.

CIT-500
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-
 alone
Communications Protocols:
 Bisynchronous

Smart Terminals

Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 64
Character/Line: 80
List Price: \$2,150
Distribution Method: Third-party

COBAR, INC.
CC68A 3132
Compatibility: TTY
Plug Compatibility: DEC VT131,
VT132
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Program Function Keys: 18
List Price: \$1,495
Average Monthly Maintenance: \$35
Distribution Method: End user
Date First Installed: November 1981
(See Vendor Profile Page V-7)

COBAR, INC.
CC68A 3138
Compatibility: Burroughs
Plug Compatibility: Burroughs
MT983
Communications Protocols:
Bisynchronous, X.25, BDI
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80, standard; 132,
optional
Program Function Keys: 18
List Price: \$1,795
Average Monthly Maintenance: \$35
Distribution Method: End user
Date First Installed: June 1982

COLORGRAPHIC
COMMUNICATIONS CORP.
MVI-7
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: DEC VT100,
VT52; ADDS Regent 20; Hazeltine
1510
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 13 in.,
standard; 19 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: 16 colors
Program Function Keys: 24
List Price: \$3,500
Distribution Method: OEM
Date First Installed: 1981
(See Vendor Profile Page V-7)

COLORGRAPHIC
COMMUNICATIONS CORP.
MVI-100
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: DEC VT100,
VT52; ADDS Regent 20; Hazeltine
1510
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 13 in.,
standard; 19 in., optional
Line/Screen: 24, standard; 48,
optional
Character/Line: 80
Color Capability: 16 colors
Program Function Keys: 24
List Price: \$2,750
Distribution Method: OEM
Date First Installed: May 1982

COMPUTER
COMMUNICATIONS, INC.
8278 DISPLAY STATION
Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster; 48
Communications Protocols: HDLC
Data Transmission Characteristics:
Half-Duplex, Ascii
Maximum Transmission Speed:
38,400 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 25
List Price: \$1,500
Date First Installed: 1983
(See Vendor Profile Page V-8)

COMPUTERWISE, INC.
TRANSTERM 3P
Specific Application: Remote Data
Acquisition
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Line/Screen: 2
Character/Line: 40
List Price: \$649
Date First Installed: April 1983
(See Vendor Profile Page V-8)

CONTROL CONCEPTS
CC-3276
Compatibility: IBM 3270
Plug Compatibility: IBM 3276
Terminal Configuration: Stand-
alone
Communications Protocols: SDC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebodic
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 24

List Price: \$3,300
Average Monthly Maintenance: \$25
Distribution Method: End user
Date First Installed: June 1982
(See Vendor Profile Page V-9)

CONTROL CONCEPTS
EM-3275
Compatibility: IBM 3270
Plug Compatibility: IBM 3275
Terminal Configuration: Stand-
alone
Communications Protocols:
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebodic
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 24,
standard; 24, maximum
Average Monthly Maintenance: \$25
Distribution Method: End user
Date First Installed: August 1980
(See Vendor Profile Page V-9)

CONTROL CONCEPTS
EM-3276
Compatibility: IBM 3270
Plug Compatibility: IBM 3276
Terminal Configuration: Stand-
alone
Communications Protocols:
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebodic
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
standard; 24, maximum
List Price: \$2,600
Average Monthly Maintenance: \$25
Distribution Method: End user
Date First Installed: August 1980

CONTROL DATA CORP.
MODEL 714-30
Compatibility: TTY; CDC
Terminal Configuration: Cluster; 14
Communications Protocols: X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 16, standard; 24,
optional
Character/Line: 80
Color Capability: No
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-9)

CONTROL DATA CORP.
MODEL 714-40
Compatibility: TTY; CDC
Terminal Configuration: Stand-
alone
Communications Protocols: X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii

Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 16, standard; 24,
optional
Character/Line: 80
Color Capability: No
Distribution Method: End user
Date First Installed: 1979

CONTROL DATA CORP.
MODEL 722
Compatibility: TTY; CDC
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12
Distribution Method: End user
Date First Installed: 1979

CONTROL DATA CORP.
VIKING 721-20
Compatibility: TTY; CDC
Terminal Configuration: Cluster; 14
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 30
Character/Line: 80
Color Capability: No
Distribution Method: End user
Date First Installed: 1980

CONTROL DATA CORP.
VIKING 721-30
Compatibility: TTY; CDC
Terminal Configuration: Cluster; 14
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 32
Character/Line: 64
Color Capability: No
Distribution Method: End user
Date First Installed: 1980

CROMEMCO, INC.
3102
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 20
List Price: \$2,295
Distribution Method: Third-party
Date First Installed: 1980
(See Vendor Profile Page V-9)

CUSTOM TERMINALS, INC.

CT11000A

Specific Application: Data Entry
Compatibility: IBM 3270
Plug Compatibility: IBM 3274
Terminal Configuration: Cluster; 16
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 15, standard; 15, maximum
List Price: \$2,350
Average Monthly Maintenance: \$25
Distribution Method: End user
Date First Installed: December 1982
(See Vendor Profile Page V-9)

DATAMEDIA CORP.

3270-5
Specific Application: Data Entry
Compatibility: IBM 3270
Plug Compatibility: IBM 3275
Terminal Configuration: Stand-alone
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24, standard; 24, maximum
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-10)

DATAMEDIA CORP.

3270-6
Specific Application: Data Entry
Compatibility: IBM 3270
Plug Compatibility: IBM 3276
Terminal Configuration: Cluster; 3
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24, standard; 24, maximum
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

3270-8
Specific Application: Data Entry
Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster; 3
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 14 in.
Line/Screen: 24

Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

COLORSCAN 10 RETROGRAPHICS
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT100, VT52; Tektronix 4027, 4010
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 12, standard; 12, maximum
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

COLORSCAN 30 RETROGRAPHICS
Specific Application: Data Entry
Plug Compatibility: ADDS Regent 25; Hazeltine 1420; LSI ADM-3A; Datamedia 1521
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 8, standard; 8, maximum
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

COLORSCAN 60
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT132, VT100, VT52
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 12, standard; 12, maximum
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

COLORSCAN 60 RETROGRAPHICS
Specific Application: Data Entry

Compatibility: TTY; DEC; TEK
Plug Compatibility: DEC VT132, VT100, VT52; Tektronix 4027, 4010
Terminal Configuration: Stand-alone
Communications Protocols: RS-232C; ITT V1

Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 12, standard; 12, maximum
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

COLORSCAN 70 RETROGRAPHICS
Specific Application: Data Entry
Compatibility: DG; TEK
Plug Compatibility: DG D100, 200, 6052, 6053; Tektronix 2027, 4010
Terminal Configuration: Stand-alone
Communications Protocols: RS-232C; ITT V1
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 12, standard; 12, maximum
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

EXCEL 30 MULTIPLE ATTRIBUTE WP
Specific Application: WP
Compatibility: TTY; Hazeltine
Plug Compatibility: Datamedia 1521; ADDS Regent 25; LSI ADM-3A; Hazeltine 1420
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 14 in., optional
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

EXCEL 40
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: Televideo 950; LSI ADM-31
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 14 in., optional
Line/Screen: 24
Character/Line: 80
Program Function Keys: 32,

standard; 32, maximum
Distribution Method: OEM, Third-party

DATAMEDIA CORP.

EXCEL 60
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT100, VT52, VT132
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 14 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Program Function Keys: 12, standard; 12, maximum
Distribution Method: OEM, Third-party

DATAVUE CORP.

132C
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 132
Program Function Keys: 16, standard; 32, maximum
List Price: \$1,795
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-12)

DELTA DATA SYSTEMS CORP.

D2830 IIJ
Compatibility: TTY
Plug Compatibility: Burroughs
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, Echo
Data Transmission Characteristics: Half-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 10, standard; 10, maximum
List Price: \$1,895
Average Monthly Maintenance: \$33
Distribution Method: End user, OEM, Third-party
Date First Installed: August 1982
(See Vendor Profile Page V-12)

DELTA DATA SYSTEMS CORP.

DELTA 2202
Specific Application: WP
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25



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Data Transmission Characteristics:
Half-Duplex, Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 16
List Price: \$2,300
Average Monthly Maintenance: \$33
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1981

DELTA DATA SYSTEMS CORP.
DELTA 2630 II
Compatibility: TTY
Plug Compatibility: Burroughs
TD831, TD833
Terminal Configuration: Stand-
alone
Communications Protocols: Echo
Data Transmission Characteristics:
Half-Duplex, Asynchronous,
Synchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 10,
standard; 10, maximum
List Price: \$1,695
Average Monthly Maintenance: \$33
Distribution Method: End user,
OEM, Third-party
Date First Installed: October 1981

DELTA DATA SYSTEMS CORP.
TC 2832
Compatibility: TTY
Plug Compatibility: Burroughs
Terminal Configuration: Stand-
alone
Communications Protocols: Echo
Data Transmission Characteristics:
Half-Duplex, Asynchronous,
Synchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
List Price: \$4,995
Average Monthly Maintenance: \$33
Distribution Method: End user,
OEM, Third-party
Date First Installed: October 1981

DIGITAL EQUIPMENT CORP.
VT100
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Program Function Keys: 4,
standard; 4, maximum
List Price: \$2,140
Average Monthly Maintenance: \$1
Distribution Method: Third-party
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.
VT102
Compatibility: TTY

Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: Yes
Program Function Keys: 4,
standard; 4, maximum
List Price: \$1,710
Average Monthly Maintenance: \$22
Distribution Method: Third-party

DIGITAL EQUIPMENT CORP.
VT125
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: 4 colors, optional
List Price: \$3,600
Average Monthly Maintenance: \$29
Distribution Method: Third-party

DIGITAL EQUIPMENT CORP.
VT131
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Program Function Keys: 4
List Price: \$1,825
Average Monthly Maintenance: \$23
Distribution Method: OEM, Third-
party

DIGITAL CORP.
DIGITAL CAD/CAM
WORKSTATION
Specific Application: CAD/CAM
Graphics
Compatibility: IBM 3270
Terminal Configuration: Stand-
alone
Communications Protocols: SNA
Data Transmission Characteristics:
Full-Duplex, Synchronous
Maximum Transmission Speed:
54,000 bit/sec
Diagonal Screen Size: 12 in.,
standard; 19 in., optional
Line/Screen: 25, standard; 49,
optional
Character/Line: 60, standard; 100,
optional
Color Capability: 224 colors
Program Function Keys: 44

List Price: \$55,000
Distribution Method: End user, OEM
(See Vendor Profile Page V-13)

DIRECT, INC.
HP-825
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 28,
optional
Character/Line: 80, standard; 132,
optional
Program Function Keys: 8,
standard; 8, maximum
List Price: \$1,890
Average Monthly Maintenance: \$24
Distribution Method: Third-party
Date First Installed: June 1981
(See Vendor Profile Page V-13)

ENVISION TECHNOLOGY, INC.
ENVISION 210
Compatibility: TTY
Plug Compatibility: DEC VT100;
Tektronix 4014
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 13 in.,
standard; 19 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: Yes
List Price: \$2,750
Distribution Method: Third-party
Date First Installed: August 1982
(See Vendor Profile Page V-14)

ENVISION TECHNOLOGY, INC.
ENVISION 220
Compatibility: TTY
Plug Compatibility: DEC VT100;
Tektronix 4014
Terminal Configuration: Stand-
alone
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 13 in.,
standard; 19 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: 4096 colors
List Price: \$4,950
Average Monthly Maintenance: \$30
Distribution Method: Third-party
Date First Installed: August 1982

ENVISION TECHNOLOGY, INC.
ENVISION 230
Compatibility: TTY
Plug Compatibility: DEC VT100;
Tektronix 4014
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous

Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 13 in.,
standard; 19 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: 4096 colors
List Price: \$6,950
Average Monthly Maintenance: \$38
Distribution Method: Third-party
Date First Installed: August 1982

EPIC COMPUTER PRODUCTS, INC.
EPIC 14E
Plug Compatibility: TVI 925
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 16,
standard; 22, maximum
List Price: \$995
Average Monthly Maintenance: \$20
Distribution Method: OEM, Third-
party
Date First Installed: November 1982
(See Vendor Profile Page V-14)

EPIC COMPUTER PRODUCTS, INC.
EPIC 327X
Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster; 5
Communications Protocols:
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24
List Price: \$1,995
Average Monthly Maintenance: \$25
Distribution Method: End user,
Third-party
Date First Installed: November 1982

ESPRIT SYSTEMS, INC.
ESPRIT
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Distribution Method: Third-party
(See Vendor Profile Page V-14)

ESPRIT SYSTEMS, INC.
EXECUTIVE 80/20
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous

Smart Terminals

Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 15 in., optional
Line/Screen: 25
Character/Line: 80, standard; 132, optional
Program Function Keys: 8, standard; 16, maximum
Distribution Method: End user

ESPRIT SYSTEMS, INC.
EXECUTIVE 80/30
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 15 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Program Function Keys: 3, standard; 16, maximum
Distribution Method: Third-party

ESPRIT SYSTEMS, INC.
HAZELTINE II
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 15 in., optional
Line/Screen: 24
Character/Line: 80
Program Function Keys: 22
Distribution Method: Third-party

FALCO DATA PRODUCTS, INC.
T81
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in., standard; 28, maximum
Line/Screen: 24
Character/Line: 80, standard; 256, optional
Color Capability: Yes, optional
Program Function Keys: 12, standard; 28, maximum
List Price: \$1,195
Average Monthly Maintenance: \$25
Distribution Method: Third-party
Date First Installed: 1980
(See Vendor Profile Page V-15)

FUJITSU AMERICA, INC.
8840
Terminal Configuration: Cluster; 16
Communications Protocols: Bisynchronous, SDLC, SDLC/SNA

Data Transmission Characteristics: Half-Duplex, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24
List Price: \$3,200
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-15)

FUJITSU AMERICA, INC.
8844
Terminal Configuration: Cluster; 16
Communications Protocols: Bisynchronous, Asynchronous, SDLC, SDLC/SNA
Data Transmission Characteristics: Half-Duplex, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24
List Price: \$3,680
Distribution Method: End user
Date First Installed: 1981

FUJITSU AMERICA, INC.
8846
Terminal Configuration: Cluster; 16
Communications Protocols: Bisynchronous, Asynchronous, SDLC, SDLC/SNA
Data Transmission Characteristics: Half-Duplex, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 7 colors
Program Function Keys: 24
List Price: \$4,920
Distribution Method: End user

GENERAL TERMINAL CORP.
AVANT 251-251
Specific Application: Data Entry
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 16
List Price: \$995
Distribution Method: OEM
Date First Installed: February 1983

GENERAL TERMINAL CORP.
SW 10
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: VTI V100; DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24

Character/Line: 80
Program Function Keys: 8 standard; 8, maximum
List Price: \$849
Distribution Method: Third-party
Date First Installed: June 1981

GENERAL TERMINAL CORP.
SW 80
Specific Application: Data Entry
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24
List Price: \$995
Distribution Method: OEM
Date First Installed: March 1983

GENISCO COMPUTERS CORP.
G-1000
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: Tektronix 4014-1
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in.
Program Function Keys: 8
List Price: \$9,950
Average Monthly Maintenance: \$90
Distribution Method: End user
Date First Installed: January 1981

GENISCO COMPUTERS CORP.
G-2200
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: Tektronix 4014; DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 180,000 bit/sec
Diagonal Screen Size: 19 in.
Color Capability: 16 colors
Program Function Keys: 8
List Price: \$12,500
Average Monthly Maintenance: \$125
Distribution Method: End user

GRAFTEK, INC.
METEOR WS-1024
Specific Application: CAD/CAM
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, ISO Synchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 154,000 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 64, standard; 1024,

optional
Character/Line: 102, standard; 1078, optional
Color Capability: 256 colors
Program Function Keys: 27, standard; 86, maximum
List Price: \$35,000
Average Monthly Maintenance: \$300
Distribution Method: End user
Date First Installed: April 1982

HEATH CO.
Z-25
Plug Compatibility: Zenith Z19; DEC VT100; Hazeltine 1500; LSI ADM-3A
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 9, standard; 27, maximum
List Price: \$849
Average Monthly Maintenance: \$9
Distribution Method: OEM
Date First Installed: April 1983

HEATH CO.
ZTX-10
Compatibility: TTY
Plug Compatibility: DEC VT52
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 4, standard; 8, maximum
List Price: \$399
Average Monthly Maintenance: \$4
Distribution Method: OEM, Third-party

HEATH CO.
ZTX-11
Compatibility: None
Plug Compatibility: DEC VT52
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 4, standard; 8, maximum
List Price: \$449
Average Monthly Maintenance: \$5
Distribution Method: OEM, Third-party

Smart Terminals

HEWLETT-PACKARD CO.

2621B/2629L
 Compatibility: TTY
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Diagonal Screen Size: 10 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 8
 List Price: \$1,645
 Average Monthly Maintenance: \$24
 Distribution Method: End user, OEM
 Date First Installed: 1982
 (See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

2622A
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 10 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 8
 List Price: \$2,210
 Average Monthly Maintenance: \$28
 Distribution Method: End user, OEM
 Date First Installed: 1981

HEWLETT-PACKARD CO.

2623A
 Specific Application: Graphics
 Compatibility: TTY
 Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 10 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 8
 List Price: \$3,250
 Average Monthly Maintenance: \$36
 Distribution Method: End user, OEM
 Date First Installed: 1981

HEWLETT-PACKARD CO.

2624B
 Compatibility: TTY
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 10 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 8
 List Price: \$3,035
 Average Monthly Maintenance: \$32
 Distribution Method: End user, OEM
 Date First Installed: 1981

HEWLETT-PACKARD CO.

2626A
 Compatibility: TTY
 Communications Protocols: Bisynchronous

Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 10 in.
 Line/Screen: 24, standard; 48, optional
 Character/Line: 80, standard; 160, optional
 Program Function Keys: 8
 List Price: \$4,400
 Average Monthly Maintenance: \$41
 Distribution Method: End user, OEM
 Date First Installed: 1980

HEWLETT-PACKARD CO.

2648A
 Specific Application: Graphics
 Compatibility: TTY
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 12 in.
 Character/Line: 80
 Program Function Keys: 9
 List Price: \$7,150
 Average Monthly Maintenance: \$41
 Distribution Method: End user, OEM
 Date First Installed: 1977

HEWLETT-PACKARD CO.

2700
 Specific Application: Color Graphics
 Terminal Configuration: Stand-alone
 Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 9
 List Price: \$19,990
 Average Monthly Maintenance: \$129
 Distribution Method: End user, OEM
 Date First Installed: 1982

HEWLETT-PACKARD CO.

HP2627A
 Specific Application: Graphics
 Compatibility: TTY
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 10 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: 8 colors
 Program Function Keys: 8
 List Price: \$5,975
 Average Monthly Maintenance: \$34
 Distribution Method: End user, OEM
 Date First Installed: 1982

HEWLETT-PACKARD CO.

HP2645A
 Compatibility: TTY

Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Integrated Modem/Coupler: Optional
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 8
 List Price: \$4,600
 Average Monthly Maintenance: \$34
 Distribution Method: End user, OEM
 Date First Installed: 1976

HONEYWELL, INC.

7315
 Compatibility: Honeywell
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Distribution Method: Third-party

HONEYWELL, INC.

7325
 Compatibility: Honeywell
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Ascii
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80

HONEYWELL, INC.

VDU 7020
 Compatibility: Honeywell
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous, Ascii
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 30
 Distribution Method: Third-party

HONEYWELL, INC.

VIP 7200
 Compatibility: Honeywell
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 7, standard; 14, maximum
 Distribution Method: Third-party

HONEYWELL, INC.

VIP 7201

Compatibility: Honeywell
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Program Function Keys: 7, standard; 7, maximum
 Distribution Method: Third-party

HONEYWELL, INC.

VIP 7205
 Compatibility: Honeywell
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Asynchronous, Ascii
 Maximum Transmission Speed: 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 7, standard; 14, maximum
 Distribution Method: Third-party

HONEYWELL, INC.

VIP 7207
 Compatibility: Honeywell
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 19,200 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 7
 Distribution Method: Third-party

HONEYWELL, INC.

VIP 7301
 Compatibility: Honeywell
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 12, standard; 24, maximum
 Distribution Method: Third-party

HONEYWELL, INC.

VIP 7303
 Specific Application: WP
 Compatibility: Honeywell
 Terminal Configuration: Stand-alone
 Communications Protocols: Bisynchronous
 Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed: 19,200 bit/sec

Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14
Distribution Method: Third-party

HONEYWELL, INC. VIP 7305

Compatibility: Honeywell
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12
Distribution Method: Third-party

HONEYWELL, INC. VIP 7307

Specific Application: Data Entry
Compatibility: Honeywell
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

HONEYWELL, INC. VIP 7311

Compatibility: Honeywell
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

HONEYWELL, INC. VIP 7321

Compatibility: Honeywell
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

HONEYWELL, INC. VIP 7802

Compatibility: Honeywell

Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous

Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: Third-party

HONEYWELL, INC. VIP 7803

Specific Application: WP
Compatibility: Honeywell
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14
Distribution Method: Third-party

HONEYWELL, INC. VIP 7804

Specific Application: Data Editing
Compatibility: Honeywell
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: Third-party

HONEYWELL, INC. VIP 7805

Compatibility: Honeywell
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: Third-party

HONEYWELL, INC. VIP 7813

Compatibility: Honeywell
Communications Protocols: Bisynchronous, RS-232C
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum

Distribution Method: Third-party

HONEYWELL, INC. VIP 7814

Compatibility: Honeywell
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12
Distribution Method: Third-party

HONEYWELL, INC. VIP 7823

Compatibility: Honeywell
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
Distribution Method: Third-party

IBM 3101 MODELS 10, 12, 13, 20, 22 & 23

Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 8, standard; 8, maximum
List Price: \$1,295
Distribution Method: End user
Date First Installed: January 1980

IBM 3104

Compatibility: IBM 3270
Communications Protocols: X.25, Asynchronous, SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii, Ebdic
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, maximum
Distribution Method: End user

IBM 3178

Compatibility: IBM 3270
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Synchronous, Ebdic
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 24, maximum
List Price: \$1,660
Distribution Method: End user
Date First Installed: June 1983

IBM 3276

Compatibility: IBM 3270
Terminal Configuration: Cluster; 8
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii, Ebdic
Maximum Transmission Speed: 7,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Program Function Keys: 12, standard; 24, maximum
List Price: \$6,390
Distribution Method: End user

IBM 3277-1

Compatibility: IBM 3270
Terminal Configuration: Cluster; 32
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 7,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 12
Character/Line: 40
Color Capability: No
Program Function Keys: 12
List Price: \$1,470
Average Monthly Maintenance: \$82
Distribution Method: End user
Date First Installed: May 1972

IBM 3277-2

Compatibility: IBM 3270
Plug Compatibility: IBM 3277
Terminal Configuration: Cluster
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ebdic
Maximum Transmission Speed: 2,400 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$1,905
Average Monthly Maintenance: \$120
Distribution Method: End user
Date First Installed: May 1972

IBM 3278-1

Compatibility: IBM 3270
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous

Smart Terminals

Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 12
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$2,185
Distribution Method: End user

IBM
3278-2
Compatibility: IBM 3270
Terminal Configuration: Cluster
Communications Protocols: X.25,
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$2,060
Distribution Method: End user

IBM
3278-3
Compatibility: IBM 3270
Terminal Configuration: Cluster
Communications Protocols: X.25,
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 32
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$2,525
Distribution Method: End user

IBM
3278-4
Terminal Configuration: Cluster
Communications Protocols: X.25,
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 43
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$2,650
Distribution Method: End user

IBM
3278-5
Compatibility: IBM 3270
Terminal Configuration: Cluster
Communications Protocols:
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 27
Character/Line: 132
Color Capability: No
Program Function Keys: 12

List Price: \$3,070
Distribution Method: End user

IBM
3279
Compatibility: IBM 3270
Communications Protocols: X.25,
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: Yes
Program Function Keys: 12,
standard; 24, maximum
Distribution Method: End user

IBM
3290
List Price: \$7,100
Distribution Method: Third-party
Date First Installed: March 1983

IBM
4704
Specific Application: Banking
Communications Protocols: X.25,
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ebcidic
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: End user

IBM
5251 MODELS 1, 2, 11 & 12
Compatibility: IBM 3270
Communications Protocols:
Bisynchronous, X.25, Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii,
Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.,
standard; 15 in., optional
Line/Screen: 12, standard; 24,
optional
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
maximum
Distribution Method: End user

IBM
5253
Compatibility: IBM 3270
Communications Protocols:
Bisynchronous, X.25, Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii,
Ebcidic
Maximum Transmission Speed:
300 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 12, standard; 24,
optional
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
maximum
Distribution Method: End user

IBM
5291
Compatibility: IBM 3270

Communications Protocols:
Asynchronous, SDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
standard; 24, maximum
Distribution Method: End user

IBM
5292
Compatibility: IBM 3270
Communications Protocols:
Asynchronous, SDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebcidic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 7 colors
Program Function Keys: 24,
standard; 24, maximum
Distribution Method: Third-party

IBM
8775
Compatibility: IBM 3270
Communications Protocols: X.25,
Asynchronous, SDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ebcidic
Maximum Transmission Speed:
38,400 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 12, standard; 43,
optional
Character/Line: 80
Distribution Method: End user

ICOT CORP.
ICOT-700
Compatibility: IBM 3270
Plug Compatibility: IBM 3270, 3280
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 13,
standard; 24, maximum
List Price: \$1,095
Distribution Method: End user,
Third-party

ICOT CORP.
ICOT-701
Compatibility: IBM 3270
Plug Compatibility: IBM 3278, 3270
Terminal Configuration: Cluster; 6
Communications Protocols: None,
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 25, standard; 44,
optional
Character/Line: 80, standard; 132,
optional

Color Capability: No
Program Function Keys: 13,
standard; 24, maximum
List Price: \$1,095
Distribution Method: End user,
Third-party

ID SYSTEMS CORP.
ID-100
Compatibility: TTY
Plug Compatibility: DEC VT100;
Tektronix 4010
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: Yes
Program Function Keys: 4,
standard; 4, maximum
List Price: \$3,895
Average Monthly Maintenance: \$80
Distribution Method: End user, OEM
Date First Installed: 1980

ID SYSTEMS CORP.
ID-100MVP
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: DEC VT100;
Tektronix 4010
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: Yes
Program Function Keys: 4,
standard; 4, maximum
List Price: \$3,395
Distribution Method: Third-party

ID SYSTEMS CORP.
ID-100MVA
Compatibility: TTY
Plug Compatibility: DEC VT100;
Tektronix 4010
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex
Maximum Transmission Speed:
19,200 bit/sec
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 4,
standard; 4, maximum
List Price: \$2,895
Distribution Method: End user, OEM
Date First Installed: 1981

ID SYSTEMS CORP.
ID-100MVL
Compatibility: TTY
Terminal Configuration: Stand-
alone

Frankly, Tek, we're flattered.

When we heard that you folks at Tektronix will have a text/graphics color terminal like our Envision 220 available soon, we weren't really surprised.

We were flattered.

Because you've always had a reputation for doing things the right way.

That means providing all the features both OEMs and end-users want. Like text and graphics on the same screen. A convenient desktop size. Distributed graphics processing. High-resolution 640 x 480 color graphics. And a display of 16 colors from a palette of 4,096.

And it means designing your product to use the industry's most popular software. Our terminals are compatible with VT100 alphanumeric software, PLOT 10™, DISSPLA®, TELL-A-GRAF®, DI3000/

GRAFMAKER® and TEMPLATE™ among others.

To really do it right, you'll need a whole family of terminals that are both compatible and upgradable. Like our 210, 220 and 230.

And the innovations that people are clamoring for. Like our mouse, graphics tablet and optional 19-inch screen.

Then there's the matter of printer compatibility. Our color VectorPrinter™ prints letter-quality text and plotter-quality graphics, together.

So while we're flattered that you may be giving us a run for our money in the text/graphics color terminal market, we're not too worried.

Because it looks like the leader may be following us.

Envision

631 River Oaks Parkway
San Jose, CA 95134
(408) 946-9755. Telex 176437

VectorPrinter™ is a trademark of Envision.
Nationwide service available through
ITT Courier.
Authorized service centers worldwide.



Smart Terminals

Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 48, optional
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 4, standard; 4, maximum
List Price: \$3,895
Average Monthly Maintenance: \$35
Distribution Method: End user, OEM
Date First Installed: 1982

ID SYSTEMS CORP.

ID-100V
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 48, optional
Character/Line: 80, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 4, standard; 4, maximum
List Price: \$3,895
Average Monthly Maintenance: \$40
Distribution Method: Third-party

ID SYSTEMS CORP.

ID-100VA
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 4, standard; 4, maximum
List Price: \$4,395
Average Monthly Maintenance: \$35
Distribution Method: Third-party
Date First Installed: 1981

ID SYSTEMS CORP.

ID-100VBLP
Compatibility: TTY
Plug Compatibility: DEC VT100; Tektronix 4010
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24

Character/Line: 80, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 4, standard; 4, maximum
List Price: \$5,895
Distribution Method: OEM
Date First Installed: 1982

ID SYSTEMS CORP.

ID-100VSP
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 4, standard; 4, maximum
List Price: \$5,395
Average Monthly Maintenance: \$30
Distribution Method: Third-party

IMS INTERNATIONAL

IMS ULTIMA II
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 36, standard; 36, maximum
Distribution Method: Third-party
Date First Installed: August 1983

INFORMER COMPUTER TERMINALS, INC.

304
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 9 in.
Line/Screen: 24, standard; 12, optional
Character/Line: 80, standard; 40, optional
Program Function Keys: 14, standard; 14, maximum
Distribution Method: Third-party

INFORMER COMPUTER TERMINALS, INC.

INFORMER 207
Specific Application: Portable
Compatibility: IBM 3270; TTY
Plug Compatibility: DEC VT52; IBM 3276
Communications Protocols:
Bisynchronous, Asynchronous, HDLC

Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: Third-party

INFORMER COMPUTER TERMINALS, INC.

INFORMER 376
Compatibility: IBM 3270
Plug Compatibility: IBM 3276-12 3274
Terminal Configuration: Stand-alone
Communications Protocols:
Asynchronous, HDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Synchronous
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 9 in., standard; 12 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: Third-party

INFORMER COMPUTER TERMINALS, INC.

INFORMER 378
Compatibility: IBM 3270
Plug Compatibility: IBM 3277-2, 3278-2
Terminal Configuration: Cluster
Communications Protocols:
Asynchronous, HDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Synchronous
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 9 in., standard; 12 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: Third-party

INFORMER COMPUTER TERMINALS, INC.

INFORMER 401
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 8, standard; 8, maximum
Distribution Method: Third-party

INTECOLOR

INTECOLOR VHR-19
Compatibility: TTY
Plug Compatibility: Tektronix 4010
Terminal Configuration: Stand-alone

Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 16 colors
Program Function Keys: 16
List Price: \$6,700
Distribution Method: Third-party

INTECOLOR

INTECOLOR 2405
Compatibility: TTY
Plug Compatibility: DEC VT100, VT52
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 12, standard; 24, maximum
List Price: \$1,295
Distribution Method: Third-party
Date First Installed: October 1982

INTECOLOR

INTECOLOR 2405D
Plug Compatibility: DEC VT100, VT52
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 24, maximum
List Price: \$1,295
Distribution Method: Third-party
Date First Installed: June 1983

INTECOLOR

INTECOLOR 2427D
Compatibility: TTY
Plug Compatibility: Tektronix 4027
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors
List Price: \$2,695

INTECOLOR

INTECOLOR 8001G
Compatibility: TTY
Terminal Configuration: Stand-alone

Retro-Graphics and DEC.



Now GEN.II™ delivers Tek 4010/4014/4027 compatible graphics on your VT100, VT101, VT102, VT103, VT131, or VT132.

Generating cost-efficient yet sophisticated images on your DEC™ terminal first begins with your choice of VT100™ Series displays. Then add Digital Engineering's GEN.II Retro-Graphics terminal enhancement. Our plug-in upgrade transforms an otherwise "dumb" terminal into a multi-featured bit-map graphics workstation, capable of plotting complex business and technical renderings. In a raster-scan resolution of 800 by 480 and in concert with your Tektronix®-based program.

But best of all a Retro-Graphics enhancement costs only a fraction of what you'd pay for an equivalent graphics terminal: about \$1200 - 1800, depending on the GEN.II model you order.

Introducing GEN.II Retro-Graphics for DEC.

More graphics power and Tek™ simulation.

An easily installed PC-card assembly, our second-generation enhancement provides emulation of the Tektronix 4010 graphics terminal *plus* one-color simulation of the Tek 4027 color graphics terminal.

And for extra power — and compatibility with your existing or future Tek 4014 applications programs — *GEN.II for DEC* also features *one-color 4014 simulation*. With little or no software modification.

In addition, GEN.II's 32 Kb's of "local" intelligence ensures that images come up quickly — and costly terminal-host data transmissions are held to a minimum. And because GEN.II is based on industry-standard Tektronix protocol, graphics programming and operation are considerably eased. Case in point: by entering from the keyboard or computer the following command string

IPTE 100, 0, 360, 45

an eight-sided polygon with a radius of 100 will be plotted and its interior will be filled with a shading pattern (GEN.II maps 4027 colors to dithered shades).

With similar high-level command strings, GEN.II will also perform *arc* and *vector drawing*. *Define* and *shape text characters*. *Store* and *recall* graphs. And, while in 4014 mode, *perform additional graphics annotation using all four 4014 character sets*. And you get all this with no loss of existing terminal features.

Software compatibility ensures your long-term investment.

Since our GEN.II products for DEC provide 4010/4014/4027 compatibility, their use with utility and applications programs, whether now or in the future, is guaranteed. Currently, more than 20,000 Retro-Graphics products are performing successfully on graphics programs such as DISSPLA® and TELLAGRAF®, PLOT 10™, Template™, DI-3000™, and ILS®.

Graphics I/O and solid backup throughout.

Digital Engineering has built a solid foundation of "user-chosen" interactive tools for GEN.II. For instance, a crosshair cursor and light-pen port (for our optional light pen) are standard features, while optional interfaces allow you to simultaneously interact with a digitizer while outputting to an impact or non-impact serial printer and video device.

Comprehensive documentation assists at every level of operation. A worldwide distribution network assures prompt delivery and backup. And whether you tap our service network or opt for on-site service — from one of the largest field service organizations in the world — your needs will be quickly met.

DEC's VT100, VT101™, VT102™, VT103™, VT131™, or VT132™ and Digital Engineering's GEN.II Retro-Graphics — for high-grade imaging in a low-cost graphics system.

Call us today for full details, demonstration, and the name of your local Retro-Graphics distributor — your "one-stop" source for graphics.

**DIGITAL
ENGINEERING**

630 Bercut Drive, Sacramento, CA 95814
(916) 447-7600 Telex: 910-367-2009

Smart Terminals

Communications Protocols:

Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$2,745
Distribution Method: Third-party

INTECOLOR

INTECOLOR 8001M
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$3,175
Distribution Method: Third-party
Date First Installed: 1979

INTECOLOR

INTECOLOR 8001R
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$3,975
Distribution Method: Third-party
Date First Installed: 1981

INTECOLOR

INTECOLOR 8001R/M
Compatibility: Sperry
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48, standard; 24, optional
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$5,100
Distribution Method: Third-party
Date First Installed: January 1983

INTECOLOR

INTECOLOR 8001-UL
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:

Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$3,795
Distribution Method: Third-party
Date First Installed: 1982

INTECOLOR

INTECOLOR 8301G
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$3,045
Distribution Method: Third-party

INTECOLOR

INTECOLOR 8301H
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$3,440
Distribution Method: Third-party
Date First Installed: 1979

INTECOLOR

INTECOLOR 8301R
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
 Bisynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16
List Price: \$4,240
Distribution Method: Third-party
Date First Installed: 1981

INTERTEC DATA SYSTEMS

CORP.
INTERTUBE
Terminal Configuration: Stand-alone
Communications Protocols:
 Bisynchronous, X.25
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous, Ascii

Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$795
Distribution Method: OEM
Date First Installed: 1979

ITT COURIER TERMINAL SYSTEMS, INC.

700-15
Compatibility: IBM 3270
Plug Compatibility: IBM 3270, 3277
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous, SDLC
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 43
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: Third-party

ITT COURIER TERMINAL SYSTEMS, INC.

1700
Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster
Communications Protocols: X.25, SDLC
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
List Price: \$1,550
Distribution Method: Third-party

ITT COURIER TERMINAL SYSTEMS, INC.

2700-13
Compatibility: IBM 3270
Plug Compatibility: IBM 3270, 3277
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous, SDLC
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24, standard; 24, maximum
Distribution Method: Third-party

ITT COURIER TERMINAL SYSTEMS, INC.

2700-14
Compatibility: IBM 3270
Plug Compatibility: IBM 3270, 3277
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous, SDLC
Data Transmission Characteristics:

Half-Duplex, Full-Duplex,
 Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 32
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: End user

ITT COURIER TERMINAL SYSTEMS, INC.

3700-16
Compatibility: IBM 3270
Plug Compatibility: IBM 3270, 3277
Terminal Configuration: Cluster
Communications Protocols: X.25, Asynchronous, SDLC
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 27
Character/Line: 132
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: Third-party

ITT COURIER TERMINAL SYSTEMS, INC.

2750
Compatibility: IBM 3270
Plug Compatibility: IBM 3275
Terminal Configuration: Stand-alone
Communications Protocols: X.25, Asynchronous
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Synchronous
Maximum Transmission Speed:
 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
Distribution Method: Third-party

ITT COURIER TERMINAL SYSTEMS, INC.

2770
Compatibility: IBM 3270
Plug Compatibility: IBM 3277
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Synchronous
Maximum Transmission Speed:
 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
Distribution Method: Third-party

ITT COURIER TERMINAL SYSTEMS, INC.

2790-2A
Compatibility: IBM 3270
Plug Compatibility: IBM 3279
Terminal Configuration: Cluster; 32
Communications Protocols:
 Bisynchronous, X.25, Asynchronous, SDLC
Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous

Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 7 colors
Program Function Keys: 24,
standard; 24, maximum
Distribution Method: Third-party

**ITT COURIER TERMINAL
SYSTEMS, INC.**
2790-3A
Compatibility: IBM 3270
Plug Compatibility: IBM
Terminal Configuration: Cluster
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 32
Character/Line: 80
Color Capability: 7 colors
Program Function Keys: 24,
standard; 24, maximum
Distribution Method: Third-party

**ITT COURIER TERMINAL
SYSTEMS, INC.**
2790-4A
Compatibility: IBM 3270
Plug Compatibility: IBM
Terminal Configuration: Cluster
Communications Protocols: X.25,
SDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 43
Character/Line: 80
Color Capability: 7 colors
Program Function Keys: 24,
standard; 24, maximum
Distribution Method: Third-party

**ITT COURIER TERMINAL
SYSTEMS, INC.**
7700
Compatibility: Honeywell
Plug Compatibility: Honeywell VIP
7700, VIP 7760, VIP 7700R
Terminal Configuration: Cluster; 32
Data Transmission Characteristics:
Half-Duplex
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 10,
standard; 10, maximum
Distribution Method: Third-party

**ITT COURIER TERMINAL
SYSTEMS, INC.**
7750
Compatibility: Honeywell
Plug Compatibility: Honeywell VIP
7700, VIP 7760, VIP 7700R
Terminal Configuration: Stand-
alone
Data Transmission Characteristics:
Half-Duplex
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Color Capability: No
Program Function Keys: 10,
standard; 10, maximum
Distribution Method: Third-party

IXO, INC.
TC-200 PORTABLE TERMINAL
Specific Application: Electronic Mail
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
300 bit/sec
Integrated Modem/Coupler:
Standard
Line/Screen: 1
Character/Line: 16
Color Capability: No
Program Function Keys: 6
List Price: \$350
Distribution Method: End user,
Third-party

JUPITER SYSTEMS, INC.
JUPITER 7 PLUS
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: Tektronix 4014
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 13 in.,
standard; 29 in., optional
Color Capability: 256 colors
Program Function Keys: 30,
standard; 30, maximum
List Price: \$15,000
Distribution Method: OEM, Third-
party
Date First Installed: September
1982

KIMTRON CORP.
ADM 53
Compatibility: TTY
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard
List Price: \$695
Average Monthly Maintenance: \$20
Distribution Method: OEM, Third-
party
Date First Installed: February 1983

KIMTRON CORP.
ADM 55
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: Teleview; LSI;
Hazelnet; ADDS
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,

Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 50, maximum
List Price: \$795
Average Monthly Maintenance: \$22
Distribution Method: OEM, Third-
party
Date First Installed: September
1981

KIMTRON CORP.
ADM 55H
Specific Application: Data Entry and
WP
Compatibility: TTY
Plug Compatibility: Teleview;
Hazelnet; LSI; ADDS
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 50, maximum
List Price: \$865
Average Monthly Maintenance: \$22
Distribution Method: OEM, Third-
party
Date First Installed: December 1982

KIMTRON CORP.
ADM 56
Compatibility: TTY
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 50, maximum
List Price: \$995
Distribution Method: OEM, Third-
party
Date First Installed: February 1983

LEAR SIEGLER, INC.
ADM 22
Specific Application: Data Entry
Plug Compatibility: Hazelnet; ADDS
Regent 25
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,

Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 7,
standard; 7, maximum
List Price: \$695
Distribution Method: Third-party
Date First Installed: June 1982

LEAR SIEGLER, INC.
ADM 23
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 8,
standard; 8, maximum
List Price: \$795
Distribution Method: Third-party
Date First Installed: December 1982

LEAR SIEGLER, INC.
ADM 24
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 14 in.,
standard; 15 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 8,
standard; 16, maximum
List Price: \$1,195
Distribution Method: Third-party
Date First Installed: June 1983

LEAR SIEGLER, INC.
ADM 24E
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.,
standard; 15 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 32, maximum
List Price: \$1,250
Distribution Method: Third-party
Date First Installed: September
1983

Smart Terminals

LEAR SIEGLER, INC.

ADM 31
Specific Application: Data Entry
Terminal Configuration: Stand-alone
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$1,095
Distribution Method: Third-party
Date First Installed: June 1978

LEAR SIEGLER, INC.

ADM 32
Specific Application: Data Entry
Terminal Configuration: Stand-alone
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in., standard; 15 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
List Price: \$1,295
Distribution Method: Third-party
Date First Installed: 1980

LEAR SIEGLER, INC.

ADM 36
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 15 in., optional
Line/Screen: 24
Character/Line: 80
Program Function Keys: 4, standard; 4, maximum
List Price: \$1,195
Distribution Method: Third-party
Date First Installed: August 1981

LEAR SIEGLER, INC.

ADM 381
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in., standard; 15 in., optional
Line/Screen: 24
Character/Line: 80
Program Function Keys: 12
List Price: \$1,800
Distribution Method: Third-party
Date First Installed: January 1982

LEAR SIEGLER, INC.

ADM 42
Specific Application: Data Entry

Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 32, maximum
List Price: \$2,195
Distribution Method: Third-party
Date First Installed: June 1978

LIBERTY ELECTRONICS, U.S.A.

FREEDOM 50
Compatibility: TTY
Plug Compatibility: Televideo 910; ADDS Regent 25; Hazeltine 1420
Terminal Configuration: Stand-alone
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 10
List Price: \$395
Distribution Method: OEM, Third-party
Date First Installed: February 1983

LIBERTY ELECTRONICS, U.S.A.

FREEDOM 100
Compatibility: TTY
Plug Compatibility: Televideo 910; ADDS Regent 25; Hazeltine 1420
Terminal Configuration: Stand-alone
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 20, standard; 20, maximum
List Price: \$595
Distribution Method: OEM, Third-party
Date First Installed: September 1982

MDS TRIVEX

807E SERIES
Specific Application: Data Entry
Compatibility: IBM 3270
Plug Compatibility: IBM 3270
Terminal Configuration: Cluster; 32
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Maximum Transmission Speed: 9,600 bit/sec

Integrated Modem/Coupler:

Standard
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 10
Distribution Method: End user
Date First Installed: September 1980

MERGENTHALER/MYCRO-TEK

ADCOM
Specific Application: Text Editing
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 115,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 15
Character/Line: 64
Color Capability: No
Program Function Keys: 45, maximum
List Price: \$20,000
Date First Installed: 1980

MERGENTHALER/MYCRO-TEK

MC 4010 (CLASSIFIED ADVERTISING TERMINAL)
Specific Application: Text Editing
Compatibility: BTR; Burroughs
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 115,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 15
Character/Line: 64
Color Capability: No
Program Function Keys: 45, maximum
List Price: \$3,500
Date First Installed: 1980

MERGENTHALER/MYCRO-TEK

MG4003 (TEXT TERMINAL)
Specific Application: Text Editing
Compatibility: BTR; Burroughs
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 115,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 15
Character/Line: 64
Color Capability: No
Program Function Keys: 45, maximum
Date First Installed: 1977

MICRO-TERM, INC.

ACT 5A
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: DTR
Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 8
List Price: \$995
Average Monthly Maintenance: \$18
Distribution Method: End user, OEM, Third-party
Date First Installed: September 1976

MICRO-TERM, INC.

ERGO 201
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: DTR
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 32
List Price: \$695
Average Monthly Maintenance: \$20
Distribution Method: End user, OEM, Third-party
Date First Installed: March 1983

MICRO-TERM, INC.

ERGO 301
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: DTR
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 4
List Price: \$895
Average Monthly Maintenance: \$22
Distribution Method: End user, OEM, Third-party
Date First Installed: March 1983

MICRO-TERM, INC.

ERGO 4000
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bysynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 132
Color Capability: No
Program Function Keys: 15, standard; 30, maximum
List Price: \$1,895
Average Monthly Maintenance: \$22
Distribution Method: End user,

Smart Terminals

OEM, Third-party
Date First Installed: November 1982

MICRO TERM, INC. MIME 2A

Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: DTR
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 9
List Price: \$1,045
Average Monthly Maintenance: \$18
Distribution Method: End user,
OEM, Third-party
Date First Installed: September
1976

MOTOROLA, INC. EXORTERM 155

Compatibility: TTY
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 12
List Price: \$2,590
Distribution Method: End user,
Third-party
Date First Installed: 1978

NABU COMMERCIAL TERMINAL, INC. 3100

Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 16
List Price: \$1,095
Distribution Method: Third-party
Date First Installed: 1982

NIXDORF COMPUTER CORP. 171 DATA TERMINAL

Compatibility: IBM 3270
Terminal Configuration: Cluster; 32
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 9 in.
Line/Screen: 12
Character/Line: 40
Color Capability: No
Program Function Keys: 18,
standard, 18, maximum

List Price: \$1,550
Average Monthly Maintenance: \$20
Distribution Method: End user
Date First Installed: 1977

NIXDORF COMPUTER CORP. 172 DATA TERMINAL

Compatibility: IBM 3270
Terminal Configuration: Cluster; 32
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 18,
standard, 18, maximum
List Price: \$2,065
Average Monthly Maintenance: \$22
Distribution Method: End user
Date First Installed: 1980

NIXDORF COMPUTER CORP. 8026A

Specific Application: WP
Terminal Configuration: Cluster; 4
Data Transmission Characteristics:
Synchronous, Ascii
Maximum Transmission Speed:
4,800 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
standard; 24, maximum
List Price: \$3,970
Average Monthly Maintenance: \$29
Distribution Method: End user
Date First Installed: 1979

NIXDORF COMPUTER CORP. 8278-XXZ

Compatibility: IBM 3270
Plug Compatibility: IBM 3278-2
Terminal Configuration: Cluster; 32
Communications Protocols:
SDLC/SNA
Data Transmission Characteristics:
Half-Duplex, Asynchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard; 24, maximum
List Price: \$1,945
Average Monthly Maintenance: \$19
Distribution Method: End user
Date First Installed: September
1982

NIXDORF COMPUTER CORP. 8730

Compatibility: IBM 3270
Terminal Configuration: Cluster; 8
Communications Protocols:
Asynchronous
Data Transmission Characteristics:
Synchronous, Ascii
Maximum Transmission Speed:
4,800 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24

Character/Line: 80
Color Capability: No
Program Function Keys: 27,
standard; 27, maximum
List Price: \$4,315
Average Monthly Maintenance: \$30
Distribution Method: End user
Date First Installed: February 1982

NIXDORF COMPUTER CORP. DAF 4

Compatibility: IBM 3270
Terminal Configuration: Cluster; 24
Communications Protocols:
SDLC/SNA
Data Transmission Characteristics:
Synchronous
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 15,
standard, 15, maximum
List Price: \$1,945
Average Monthly Maintenance: \$19
Distribution Method: End user

NIXDORF COMPUTER CORP. NIXDORF 8141

Compatibility: TTY
Terminal Configuration: Cluster; 8
Communications Protocols: None
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 15,
standard; 15, maximum
List Price: \$2,300
Average Monthly Maintenance: \$19
Distribution Method: End user,
OEM, Third-party
Date First Installed: January 1983

NOVATION, INC. EXECUTIVE

Specific Application: Electronic Mail
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integrated Modem/Coupler:
Standard
Line/Screen: 1
Character/Line: 40
Color Capability: No
Program Function Keys: 12
List Price: \$945
Distribution Method: End user,
OEM, Third-party
Date First Installed: June 1981

NOVATION, INC. MAXI & CITY

Specific Application: Electronic Mail
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:

Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integrated Modem/Coupler:
Standard
Line/Screen: 1
Character/Line: 40
Color Capability: No
Program Function Keys: 12
List Price: \$1,150
Distribution Method: End user,
OEM, Third-party
Date First Installed: June 1981

PARADYNE CORP. MODEL 9478

Compatibility: IBM 3270
Plug Compatibility: IBM 3276
Terminal Configuration: Cluster; 32
Communications Protocols:
Bisynchronous, SDLC
Data Transmission Characteristics:
Full-Duplex, Asynchronous
Maximum Transmission Speed:
250,000 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
standard; 24, maximum
List Price: \$4,600
Average Monthly Maintenance: \$25
Distribution Method: End user
Date First Installed: June 1981

PARADYNE CORP. MODEL 9478

Specific Application: 3278 WP
Emulator
Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster; 32
Communications Protocols: SDLC
Data Transmission Characteristics:
Full-Duplex, Asynchronous
Maximum Transmission Speed:
250,000 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
standard; 24, maximum
List Price: \$2,000
Average Monthly Maintenance: \$15
Distribution Method: End user
Date First Installed: June 1981

PENTELE OF AMERICA, LTD. PVW 2000

Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$4,000
Distribution Method: Third-party
Date First Installed: November 1982

PERKIN-ELMER CORP. 550S

Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous

Smart Terminals

Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: 3 colors, optional
Distribution Method: End user
Date First Installed: 1979

PERKIN-ELMER CORP.
1245
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: 3 colors, optional
Program Function Keys: 32,
standard; 32, maximum
Distribution Method: End user
Date First Installed: 1979

PERKIN-ELMER CORP.
1250
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: 3 colors, optional
Program Function Keys: 32,
standard; 32, maximum
Distribution Method: End user
Date First Installed: 1980

PERKIN-ELMER CORP.
1251
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: 3 colors, optional
Program Function Keys: 32,
standard; 32, maximum
Distribution Method: End user
Date First Installed: 1979

PERKIN-ELMER CORP.
DATA STATION
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,

Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: 3 colors, optional
Program Function Keys: 24,
standard; 24, maximum
Distribution Method: End user
Date First Installed: 1980

PHAZE INFORMATION MACHINES CORP.
P3278
Specific Application: Data Entry
Compatibility: IBM 3270
Plug Compatibility: IBM 3270
Communications Protocols:
Asynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 7 colors, optional
Program Function Keys: 24,
standard; 24, maximum
List Price: \$1,545
Distribution Method: Third-party
Date First Installed: February 1983

PHOENIX DIGITAL CORP.
IDT 900A
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous, X.25, Asynchronous,
SDLC, Synchronous, SDLC/SNA
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
56,000 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 19 in.
Line/Screen: 25
Character/Line: 80
List Price: \$5,850
Distribution Method: End user,
OEM, Third-party
Date First Installed: December 1978

PHOENIX DIGITAL CORP.
IDT 900A-D
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous, X.25, Asynchronous,
SDLC, Synchronous, SDLC/SNA
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
56,000 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 19 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 19
List Price: \$6,825
Distribution Method: End user,
OEM, Third-party
Date First Installed: December 1978

PHOENIX DIGITAL CORP.
OPTVIEW 100
Specific Application: Graphics

Compatibility: TTY
Maximum Transmission Speed:
Bisynchronous, X.25, Asynchronous,
SDLC, Synchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
2,000,000 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 19 in.
Line/Screen: 25
Character/Line: 80
Color Capability: 16 colors
Program Function Keys: 19
List Price: \$3,850
Distribution Method: End user,
OEM, Third-party
Date First Installed: September
1979

FLESSEY PERIPHERAL SYSTEMS
PT-100B VIDEO DISPLAY
TERMINAL
Compatibility: DEC
Terminal Configuration: Stand-alone
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 4
List Price: \$1,450
Distribution Method: End user, OEM
Date First Installed: April 1982

FLESSEY PERIPHERAL SYSTEMS
PT-600 COLOR TERMINAL
Specific Application: Graphics
Compatibility: TTY; DEC
Plug Compatibility: DEC VT100,
VT52
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: 8 colors
Program Function Keys: 4
List Price: \$3,200
Average Monthly Maintenance:
\$55
Distribution Method: End user, OEM
Date First Installed: November 1982

PRIME COMPUTER, INC.
PST 100
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80

Color Capability: No
Program Function Keys: 22,
standard; 22, maximum
Distribution Method: Third-party

PRIME COMPUTER, INC.
PT 25
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 8,
standard; 8, maximum
Distribution Method: Third-party

PRIME COMPUTER, INC.
PT 45
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 16, maximum
Distribution Method: Third-party

PRODUCT DEVELOPMENT SERVICES, INC.
2150
Specific Application: Factory
Automation
Plug Compatibility: Tektronix 4010
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous, X.25, Asynchronous,
SDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 15 in.,
standard; 19 in., optional
Line/Screen: 66
Character/Line: 132
Color Capability: 8 colors, optional
Program Function Keys: 37,
standard; 37, maximum
List Price: \$4,339
Distribution Method: OEM

QANTEL CORP.
QANTEL 4031
Communications Protocols: None
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 27, standard; 24,
optional

Smart Terminals

Character/Line: 64, standard; 80, optional
Color Capability: No
Program Function Keys: 2, standard; 2, maximum
List Price: \$2,700
Average Monthly Maintenance: \$5
Distribution Method: Third-party
Date First Installed: March 1980

QUME CORP.

QVT-102

Compatibility: TTY
Plug Compatibility: TVI 910; LSI ADM-3A; Hazeltine 1500
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 14 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 8, standard; 12, maximum
List Price: \$695
Average Monthly Maintenance: \$25
Distribution Method: Third-party
Date First Installed: March 1983

QUME CORP.

QVT-103

Compatibility: TTY
Plug Compatibility: DEC VT100, VT131, VT52
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 14 in., optional
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 8, standard; 12, maximum
List Price: \$1,095
Average Monthly Maintenance: \$25
Distribution Method: Third-party

QUME CORP.

QVT-108

Compatibility: TTY
Plug Compatibility: TVI 905, 912, 920
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in., standard; 14 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 22, standard; 33, maximum
List Price: \$895
Average Monthly Maintenance: \$25
Distribution Method: Third-party
Date First Installed: August 1983

RACAL-MILGO, INC.

4010

Terminal Configuration: Stand-alone

Communications Protocols:

Bisynchronous, X.25

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii

Maximum Transmission Speed:

4,800 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 25

Character/Line: 80

Program Function Keys: 6, standard; 6, maximum

List Price: \$3,555

Distribution Method: End user,

Third-party

Date First Installed: July 1980

RACAL-MILGO, INC.

4015

Terminal Configuration: Stand-alone

Communications Protocols:

Bisynchronous, X.25

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii

Maximum Transmission Speed:

4,800 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 25

Character/Line: 80

Program Function Keys: 6, standard; 6, maximum

List Price: \$4,155

Distribution Method: End user

Date First Installed: June 1982

RACAL-MILGO, INC.

4220/UTS 20

Compatibility: Sperry

Terminal Configuration: Stand-alone

Communications Protocols: X.25

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Synchronous, Ascii

Maximum Transmission Speed:

9,600 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 24, standard; 12, optional

Character/Line: 80

Color Capability: No

Program Function Keys: 4, standard; 4, maximum

List Price: \$3,370

Distribution Method: End user

Date First Installed: November 1981

RACAL-MILGO, INC.

4220/UTS 20

Compatibility: Sperry

Plug Compatibility: Sperry UTS 20

Terminal Configuration: Stand-alone

Communications Protocols: X.25

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Synchronous, Ascii

Maximum Transmission Speed:

9,600 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 24, standard; 12, optional

Character/Line: 80

Color Capability: No

Program Function Keys: 22, standard; 22, maximum

List Price: \$3,370

Distribution Method: End user

Date First Installed: January 1983

RACAL-MILGO, INC.

4276

Compatibility: IBM 3270

Plug Compatibility: IBM 3275, 3276

Terminal Configuration: Stand-alone

Communications Protocols:

Asynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Synchronous

Maximum Transmission Speed:

9,600 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 25

Character/Line: 80

Color Capability: No

Program Function Keys: 24, standard; 24, maximum

List Price: \$3,550

Distribution Method: End user

Date First Installed: July 1980

RACAL-MILGO, INC.

8278-2

Specific Application: Data Entry

Compatibility: IBM 3270

Plug Compatibility: 3278

Terminal Configuration: Cluster

Communications Protocols:

Asynchronous, HDLC

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Synchronous

Maximum Transmission Speed:

9,600 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 25

Character/Line: 80

Color Capability: No

Program Function Keys: 24, standard; 24, maximum

List Price: \$1,640

Distribution Method: End user

Date First Installed: March 1983

RACAL-MILGO, INC.

8278-3

Specific Application: Data Entry

Compatibility: IBM 3270

Plug Compatibility: IBM 3278

Communications Protocols:

Asynchronous, HDLC

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Synchronous

Maximum Transmission Speed:

9,600 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 32

Character/Line: 80

Color Capability: No

Program Function Keys: 24, standard; 24, maximum

List Price: \$2,333

Distribution Method: End user

Date First Installed: March 1983

RACAL-MILGO, INC.

8278-4

Specific Application: Data Entry

Compatibility: IBM 3270

Plug Compatibility: IBM 3278

Communications Protocols:

Asynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Synchronous

Maximum Transmission Speed:

9,600 bit/sec

Diagonal Screen Size: 15 in.

Line/Screen: 43

Character/Line: 80

Color Capability: No

Program Function Keys: 24, standard; 24, maximum

List Price: \$2,333

Distribution Method: End user

Date First Installed: March 1983

RACAL-MILGO, INC.

8278-5

Specific Application: Data Entry

Compatibility: IBM 3270

Plug Compatibility: IBM 3278

Communications Protocols:

Asynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Synchronous

Diagonal Screen Size: 15 in.

Line/Screen: 27

Character/Line: 132

Color Capability: No

Program Function Keys: 24, standard; 24, maximum

List Price: \$2,556

Distribution Method: End user

Date First Installed: March 1983

SANYO BUSINESS SYSTEMS CORP.

CRX101

Compatibility: TTY

Plug Compatibility: DEC VT100

Terminal Configuration: Stand-alone

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Ascii

Maximum Transmission Speed:

19,200 bit/sec

Diagonal Screen Size: 12 in.

Line/Screen: 24

Character/Line: 80, standard; 132, optional

Color Capability: Yes, optional

Date First Installed: March 1983

SANYO BUSINESS SYSTEMS CORP.

CRX1100

Specific Application: WP

Terminal Configuration: Stand-alone

Communications Protocols: X.25

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Ascii

Maximum Transmission Speed:

19,200 bit/sec

Diagonal Screen Size: 12 in.

Line/Screen: 24

Character/Line: 80

Color Capability: No

Program Function Keys: 8, standard; 8, maximum

List Price: \$695

Distribution Method: OEM, Third-party

Date First Installed: January 1983

SEIKO INSTRUMENTS U.S.A., INC.

D-SCAN 2212

Specific Application: Graphics

Compatibility: TTY

Terminal Configuration: Stand-alone

Communications Protocols:

Bisynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Ascii

Maximum Transmission Speed:

19,200 bit/sec

Diagonal Screen Size: 19 in.

Line/Screen: 64

Character/Line: 132

Program Function Keys: 8, standard; 16, maximum

Distribution Method: End user, OEM

Date First Installed: September 1982

Smart Terminals

SEIKO INSTRUMENTS U.S.A., INC.

D-SCAN 2412
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 64
Character/Line: 132
Color Capability: 7 colors
Program Function Keys: 8, standard; 16, maximum
List Price: \$21,850
Distribution Method: End user, OEM
Date First Installed: September 1982

SPERRY CORP.

UTS 20
Compatibility: IBM 3270, Uniscope
Communications Protocols: Uniscope
Data Transmission Characteristics: Half-Duplex
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 22
List Price: \$2,800
Average Monthly Maintenance: \$30
Distribution Method: End user
Date First Installed: October 1980

TAB PRODUCTS CO.

TAB 132/15
Compatibility: TTY; NCR; DEC
Plug Compatibility: DEC VT100, VT132
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 27
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 22
List Price: \$2,100
Average Monthly Maintenance: \$22
Distribution Method: End user
Date First Installed: January 1980

TAB PRODUCTS CO.

TAB 132/15G
Specific Application: Graphics
Compatibility: TTY; NCR; DEC
Plug Compatibility: DEC VT100, VT132
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 27

Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 22
List Price: \$3,295
Average Monthly Maintenance: \$22
Distribution Method: End user
Date First Installed: January 1982

TANDBERG DATA

TDV 2200 SERIES
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24, standard; 25, optional
Character/Line: 80
Color Capability: No
Program Function Keys: 20, standard; 27, maximum
List Price: \$1,875
Distribution Method: End user, OEM, Third-party
Date First Installed: 1981

TANDEM COMPUTER, INC.

TANDEM 5530
Specific Application: Data Entry
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25, Asynchronous, SDLC, Synchronous, SDLC/SNA
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 16, maximum
List Price: \$2,575
Average Monthly Maintenance: \$29
Distribution Method: End user
Date First Installed: February 1982

TEC, INC.

TEC 530
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 7
List Price: \$1,310
Distribution Method: OEM
Date First Installed: May 1980

TEC, INC.

TEC ET 80
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex,

Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 18
List Price: \$1,975
Distribution Method: OEM
Date First Installed: May 1982

TEC, INC.

TEC ET 100
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80, standard; 125, optional
Program Function Keys: 9
List Price: \$1,975
Distribution Method: OEM
Date First Installed: November 1982

TEKTRONIX, INC.

4014-1
Specific Application: Graphics
Compatibility: TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 35, standard; 64, optional
Character/Line: 74, standard; 133, optional
Color Capability: No
List Price: \$15,750
Distribution Method: End user, OEM
Date First Installed: December 1973

TEKTRONIX, INC.

4016-1
Specific Application: Graphics
Compatibility: TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Diagonal Screen Size: 25 in.
Line/Screen: 35, standard; 86, optional
Character/Line: 74
Color Capability: No
List Price: \$20,500
Average Monthly Maintenance: \$120
Distribution Method: End user, OEM
Date First Installed: May 1978

TEKTRONIX, INC.

4025A
Compatibility: TTY; Honeywell;

Sperry; Burroughs; NCR; CDC
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 34
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$5,900
Distribution Method: End user, OEM
Date First Installed: September 1981

TEKTRONIX, INC.

4027A
Compatibility: TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 34
Character/Line: 80
Color Capability: 120 colors
Program Function Keys: 12
List Price: \$10,900
Average Monthly Maintenance: \$96
Distribution Method: End user, OEM
Date First Installed: May 1978

TELCOM INDUSTRIES, INC.

780
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT52
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 4,800 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
List Price: \$2,595
Distribution Method: End user, Third-party
Date First Installed: March 1982

TELCOM INDUSTRIES, INC.

GC-100
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT52
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous, X.25
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous, Ascii
Maximum Transmission Speed: 4,800 bit/sec
Integrated Modem/Coupler: Optional

Smart Terminals

Diagonal Screen Size: 7 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 99,
standard; 99, maximum
List Price: \$3,395
Distribution Method: End user,
Third-party
Date First Installed: March 1983

TELECOM INDUSTRIES, INC.
GC-500
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT52
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 7 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$1,195
Distribution Method: End user,
Third-party
Date First Installed: April 1983

TELECOM INDUSTRIES, INC.
VCS-780 DX
Compatibility: TTY
Plug Compatibility: DEC VT52
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
4,800 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,795
Distribution Method: End user,
Third-party
Date First Installed: August 1982

TELECOM INDUSTRIES, INC.
VCS-7800
Compatibility: TTY
Plug Compatibility: DEC VT52
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
4,800 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,495
Distribution Method: End user,
Third-party
Date First Installed: August 1982

**TELECOM TERMINAL
SYSTEMS**
TRAVELVISION
Specific Application: Data Entry

Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 25
Distribution Method: End user
Date First Installed: November 1981

**TELECOM TERMINAL
SYSTEMS**
VISION 1
Specific Application: Telex
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 15
Distribution Method: Third-party
Date First Installed: January 1982

TELERAY
16-7801
Compatibility: TTY
Plug Compatibility: Honeywell 7801
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 9 in.,
standard; 15 in., optional
Line/Screen: 25
Character/Line: 80, standard; 255,
optional
Program Function Keys: 32,
standard; 32, maximum
List Price: \$1,795
Distribution Method: Third-party
Date First Installed: 1983

TELERAY
16-APL
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 9 in., optional
Line/Screen: 10
Character/Line: 80, standard; 255,
optional
Program Function Keys: 32,
standard; 32, maximum
List Price: \$1,545
Distribution Method: Third-party
Date First Installed: 1983

TELERAY
16-GRF
Compatibility: TTY

Plug Compatibility: Tektronix 4014
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 9 in.,
standard; 15 in., optional
Line/Screen: 25
Character/Line: 80, standard; 255,
optional
Color Capability: No
Program Function Keys: 32,
standard; 32, maximum
List Price: \$3,000
Distribution Method: Third-party
Date First Installed: 1983

TELERAY
MODEL 7
Specific Application: Data Entry
Compatibility: TTY; CDC
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 15 in., optional
Line/Screen: 10, standard; 96,
optional
Character/Line: 20, standard; 255,
optional
Color Capability: No
Program Function Keys: 64
List Price: \$1,295
Distribution Method: End user,
OEM, Third-party
Date First Installed: January 1983

TELERAY
MODEL 16
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 15 in., optional
Line/Screen: 25
Character/Line: 80, standard; 255,
optional
Color Capability: No
Program Function Keys: 32,
standard; 32, maximum
List Price: \$1,545
Distribution Method: Third-party
Date First Installed: 1982

TELERAY
MODEL 100
Specific Application: Data Entry
Compatibility: CDC; DEC
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,

standard; 91 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 20
List Price: \$1,395
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1980

TELETYPE CORP.
4430
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
4,800 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$4,245
Distribution Method: Third-party
Date First Installed: January 1981

TELETYPE CORP.
4540
Specific Application: Data Entry
Compatibility: IBM 3270
Plug Compatibility: IBM 3271
Terminal Configuration: Cluster; 32
Communications Protocols: X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebodic
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 13 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 24,
standard; 24, maximum
List Price: \$4,745 to \$5,040
Date First Installed: January 1980

TELETYPE CORP.
5420
Compatibility: TTY
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii, Ebodic
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24, standard; 27,
optional
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 16,
standard; 16, maximum
List Price: \$1,495
Distribution Method: Third-party
Date First Installed: July 1983

TELETYPE CORP.
5540
Compatibility: IBM 3270
Plug Compatibility: IBM 3278-2,
3178, 3278-5
Terminal Configuration: Cluster; 32
Communications Protocols: X.25,
Asynchronous, HDLC
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Synchronous, Ascii, Ebodic

Smart Terminals

Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in., standard; 13 in., optional
Line/Screen: 24, standard; 27, optional
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
List Price: \$4,500 to \$11,500
Distribution Method: Third-party
Date First Installed: April 1983

TELEVIDEO SYSTEMS, INC. 910 PLUS

Compatibility: TTY
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
List Price: \$695
Distribution Method: OEM, Third-party
Date First Installed: 1982

TELEVIDEO SYSTEMS, INC. 914

Compatibility: TTY
Plug Compatibility: ADDS Viewpoint
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 3, standard; 6, maximum
List Price: \$699
Distribution Method: OEM, Third-party
Date First Installed: September 1983

TELEVIDEO SYSTEMS, INC. 924

Compatibility: TTY
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 32, maximum
List Price: \$899
Distribution Method: OEM, Third-party
Date First Installed: September 1983

TELEVIDEO SYSTEMS, INC. 925

Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:

19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 11, standard; 22, maximum
List Price: \$995
Distribution Method: OEM, Third-party
Date First Installed: February 1982

TELEVIDEO SYSTEMS, INC. 950

Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 11, standard; 22, maximum
List Price: \$1,195
Distribution Method: OEM, Third-party
Date First Installed: February 1981

TELEVIDEO SYSTEMS, INC. 970

Compatibility: TTY; DEC
Plug Compatibility: DEC VT100, VT52
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 16, standard; 32, maximum
List Price: \$1,495
Distribution Method: OEM, Third-party
Date First Installed: February 1983

TELEX COMPUTER PRODUCTS, INC. 178

Compatibility: IBM 3270
Plug Compatibility: IBM 3270
Communications Protocols: Asynchronous, SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 12, standard; 24, maximum
List Price: \$1,550
Average Monthly Maintenance: \$12
Distribution Method: End user
Date First Installed: May 1982

TELEX COMPUTER PRODUCTS, INC. 276

Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Communications Protocols: Bisynchronous, Asynchronous

Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24, standard; 43, optional
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

TELEX COMPUTER PRODUCTS, INC. 278 MODEL 2

Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster; 16
Communications Protocols: Bisynchronous, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

TELEX COMPUTER PRODUCTS, INC. 278 MODEL 3

Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster; 16
Communications Protocols: Bisynchronous, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 32
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

TELEX COMPUTER PRODUCTS, INC. 278 MODEL 4

Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster
Communications Protocols: Bisynchronous, Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 43
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

TELEX COMPUTER PRODUCTS, INC. 278 MODEL 6

Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster; 12
Communications Protocols:

Bisynchronous, Asynchronous

Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Diagonal Screen Size: 15 in.
Line/Screen: 27
Character/Line: 132
Color Capability: No
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

TELEX COMPUTER PRODUCTS, INC. 279

Compatibility: IBM 3270
Plug Compatibility: IBM 3270
Communications Protocols: Asynchronous, SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 32
Character/Line: 80
Color Capability: 4 colors
Program Function Keys: 12
List Price: \$3,900
Average Monthly Maintenance: \$12
Distribution Method: End user
Date First Installed: March 1979

TELEX COMPUTER PRODUCTS, INC. 476B

Compatibility: IBM 3270
Plug Compatibility: IBM 3276
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 24, maximum

TELEX COMPUTER PRODUCTS, INC. 476L

Compatibility: IBM 3270
Plug Compatibility: IBM 3276
Terminal Configuration: Cluster; 16
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 24, maximum
Distribution Method: Third-party

TELEX COMPUTER PRODUCTS, INC. 476S

Compatibility: IBM 3270
Plug Compatibility: IBM 3276
Communications Protocols: HDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Maximum Transmission Speed: 9,600 bit/sec

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Smart Terminals

Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard; 24, maximum
Distribution Method: Third-party

TELPAR, INC.

881
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: Yes
Program Function Keys: 16,
standard; 16, maximum
List Price: \$3,200
Distribution Method: OEM
Date First Installed: June 1981

TELPAR, INC.

802
Compatibility: TTY
Terminal Configuration: Stand-
alone
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48, standard
Character/Line: 80
Color Capability: Yes
Program Function Keys: 16,
standard; 16, maximum
List Price: \$3,950
Distribution Method: OEM

TELPAR, INC.

IT851C
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 15,
standard; 16, maximum
List Price: \$3,200
Distribution Method: OEM
Date First Installed: June 1982

TELPAR, INC.

IT801C
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24

Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 15,
standard; 16, maximum
List Price: \$3,200
Distribution Method: OEM
Date First Installed: May 1981

TELPAR, INC.

IT802C
Specific Application: Graphics
Compatibility: TTY
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 48
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 16,
standard; 32, maximum
List Price: \$3,950
Distribution Method: OEM

TELPAR, INC.

M651C
Specific Application: Graphics
Compatibility: TTY
Terminal Configuration: Stand-
alone
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: Yes
Program Function Keys: 16,
standard; 16, maximum
List Price: \$3,200
Distribution Method: OEM
Date First Installed: March 1982

THOMAS ENGINEERING

T-780X
Specific Application: Forms Data
Entry
Compatibility: Honeywell
Plug Compatibility: Honeywell VIP
7800
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard; 36, maximum
List Price: \$1,895
Average Monthly Maintenance:
\$12
Distribution Method: End user
Date First Installed: December 1982

TRANSISCORP.

TR 1024
Specific Application: Graphics
Compatibility: IBM 3270; TTY;
Honeywell; Sperry; Burroughs; NCR;
CDC
Plug Compatibility: Tektronix 4014,
DEC VT100

Terminal Configuration: Stand-
alone
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 42
Character/Line: 170
Color Capability: No
Program Function Keys: 4,
standard; 4, maximum
List Price: \$4,500
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1982

TRENDCOM

WHISPER SCREEN
Compatibility: TTY
Plug Compatibility: DEC VT52,
VT100
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$1,695
Distribution Method: Third-party

VISUAL TECHNOLOGY, INC.

VISUAL 100
Compatibility: TTY
Plug Compatibility: DEC VT100
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
List Price: \$1,345
Distribution Method: Third-party
Date First Installed: March 1980

VISUAL TECHNOLOGY, INC.

VISUAL 110
Compatibility: TTY
Plug Compatibility: DG Dasher 605,
D200
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 12,
standard; 12, maximum
List Price: \$1,395
Distribution Method: Third-party
Date First Installed: June 1980

VISUAL TECHNOLOGY, INC.

VISUAL 200
Compatibility: TTY
Plug Compatibility: DEC VT52;
Hazeltine 1500; ADDS 520
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 14
Distribution Method: End user,
Third-party

VISUAL TECHNOLOGY, INC.

VISUAL 310
Specific Application: WP
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$1,300
Distribution Method: Third-party
Date First Installed: January 1982

VISUAL TECHNOLOGY, INC.

VISUAL 330
Specific Application: WP
Compatibility: TTY
Plug Compatibility: DEC VT52; DG
Dasher 200
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 12
List Price: \$1,150
Distribution Method: Third-party
Date First Installed: March 1982

VISUAL TECHNOLOGY, INC.

VISUAL 400
Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Program Function Keys: 12,
standard; 12, maximum

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Smart Terminals

Distribution Method: End user,
Third-party

VISUAL TECHNOLOGY, INC.

VISUAL 530

Specific Application: Graphics
Compatibility: TTY
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 33
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard; 12, maximum
List Price: \$2,495
Distribution Method: Third-party
Date First Installed: September
1982

VISUAL TECHNOLOGY, INC.

VISUAL 550

Compatibility: TTY
Plug Compatibility: DEC VT52;
Hazeltine 1500; DG D200
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 33
Character/Line: 80
Color Capability: Yes
Program Function Keys: 12,
standard; 12, maximum
Distribution Method: Third-party

WANG LABORATORIES, INC.

5300 SERIES

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
120
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$1,200
Average Monthly Maintenances:
\$20
Distribution Method: End user
Date First Installed: 1981

WANG LABORATORIES, INC.

5900 SERIES

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster; 32
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.

Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$6,200
Distribution Method: End user
Date First Installed: 1981

WANG LABORATORIES, INC.

6300 SERIES

Specific Application: Graphics
Compatibility: IBM 3270; TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Color Capability: No
List Price: \$5,985
Distribution Method: End user
Date First Installed: 1982

WANG LABORATORIES, INC.

AWS-1

Specific Application: Archiving
Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster; 32
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 22
List Price: \$7,700
Average Monthly Maintenances:
\$66
Distribution Method: End user
Date First Installed: 1976

WANG LABORATORIES, INC.

ERGO-2 MODEL 5740-4

Specific Application: Archiving
Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
128
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$8,000
Average Monthly Maintenances:
\$81
Distribution Method: End user
Date First Installed: 1980

WANG LABORATORIES, INC.

ERGO-2 MODEL 5947

Specific Application: Archiving
Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
128
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:

Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$7,700
Average Monthly Maintenances:
\$50
Distribution Method: End user
Date First Installed: 1980

WANG LABORATORIES, INC.

ERGO-2 MODEL 5948

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
128
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$7,000
Average Monthly Maintenances:
\$50
Distribution Method: End user
Date First Installed: 1980

WANG LABORATORIES, INC.

ERGO-2 MODEL 5949

Specific Application: Archiving
Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
128
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$8,000
Average Monthly Maintenances:
\$55
Distribution Method: End user
Date First Installed: 1980

WANG LABORATORIES, INC.

MODEL 2282

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster; 12
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$3,800
Average Monthly Maintenances:
\$21
Distribution Method: End user
Date First Installed: 1975

WANG LABORATORIES, INC.

MODEL 23360W

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster; 12
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16
List Price: \$2,000
Average Monthly Maintenances:
\$22
Distribution Method: End user
Date First Installed: 1976

WANG LABORATORIES, INC.

MODEL 5536

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster; 32
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$6,400
Average Monthly Maintenances:
\$50
Distribution Method: End user
Date First Installed: 1975

WANG LABORATORIES, INC.

MODEL 5937

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
128
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: End user
Date First Installed: 1978

WANG LABORATORIES, INC.

MODEL 5938

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
128
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No

Distribution Method: End user
Date First Installed: 1978

WANG LABORATORIES, INC. MODEL 5939

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
128

Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: End user
Date First Installed: 1978

WANG LABORATORIES, INC. UFGF ERGO-2

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster; 12
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 32, maximum
List Price: \$2,200
Distribution Method: End user
Date First Installed: 1981

WANG LABORATORIES, INC. UFGF LOMODEL 5846-4

Compatibility: IBM 3270; TTY
Terminal Configuration: Cluster;
128
Communications Protocols:
Bisynchronous, X.25
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$6,700
Distribution Method: End user
Date First Installed: 1980

WORLD STORAGE TECHNOLOGY LTD. SERIES 4100

Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
1,200 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 12 in.
Line/Screen: 25

Character/Line: 80
Color Capability: No
Program Function Keys: 3
List Price: \$2,500
Average Monthly Maintenance:
\$25
Distribution Method: End user,
Third-party
Date First Installed: April 1983

WYSE TECHNOLOGY, INC. WY-100

Specific Application: WP
Compatibility: TTY
Plug Compatibility: LSI 331; TVI 912
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 26
Character/Line: 80
Color Capability: Yes, optional
Program Function Keys: 8,
standard; 16, maximum
List Price: \$900
Distribution Method: Third-party
Date First Installed: March 1982

WYSE TECHNOLOGY, INC. WY-300

Compatibility: TTY
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 26
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 8,
standard; 16, maximum
List Price: \$1,295
Distribution Method: Third-party

ZENITH DATA SYSTEMS Z-19

Compatibility: TTY
Plug Compatibility: DEC VT52
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Integrated Modem/Coupler:
Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard; 12, maximum
List Price: \$895
Average Monthly Maintenance: \$9
Distribution Method: OEM, Third-
party
Date First Installed: June 1979

ZENITH DATA SYSTEMS Z-28

Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-
alone

Communications Protocols:
Bisynchronous, X.25

Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Maximum Transmission Speed:
38,000 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 9
List Price: \$849
Distribution Method: Third-party
Date First Installed: March 1982

ZENITH DATA SYSTEMS ZT-1

Compatibility: TTY
Plug Compatibility: DEC VT52
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
300 bit/sec
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
List Price: \$699
Distribution Method: Third-party
Date First Installed: June 1982

ZENITH DATA SYSTEMS ZT1

Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-
alone
Maximum Transmission Speed:
4,800 bit/sec
Maximum Transmission Speed: 58
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 4
List Price: \$590
Distribution Method: OEM, Third-
party
Date First Installed: May 1982

ZENTEC CORP. COBRA

Compatibility: TTY
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 15 in., optional
Line/Screen: 24
Character/Line: 80
Program Function Keys: 16,
standard; 32, maximum
List Price: \$1,250
Distribution Method: End user, OEM
Date First Installed: September
1982

ZENTEC CORP. ZEPHYR

Compatibility: TTY

Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16,
standard; 32, maximum
List Price: \$1,150
Distribution Method: End user, OEM
Date First Installed: 1978

Conversational Terminals

AMERICAN

COMMUNICATIONS CORP. AMCOM D

Compatibility: TTY
Terminal Configuration: Stand-alone
Data Transmission Characteristics:
Half-Duplex, Asynchronous
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 2 in.
Line/Screen: 1
Character/Line: 16
List Price: \$449
Distribution Method: Third-party
Date First Installed: May 1982
(See Vendor Profile Page V-1)

AMERICAN

COMMUNICATIONS CORP. AMCOM P

Compatibility: TTY
Terminal Configuration: Stand-alone
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 2 in.
Line/Screen: 1
Character/Line: 16
Color Capability: No
List Price: \$695
Average Monthly Maintenance: \$75
Distribution Method: Third-party
Date First Installed: July 1982

AMERICAN

COMMUNICATIONS CORP. AMCOM 1

Compatibility: TTY
Terminal Configuration: Stand-alone
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Integrated Modem/Coupler:
Standard
Diagonal Screen Size: 2 in.
Line/Screen: 1
Character/Line: 16
Color Capability: No
List Price: \$495
Distribution Method: Third-party
Date First Installed: 1979

ANDERSON JACOBSON, INC. A/J510

Compatibility: TTY
Plug Compatibility: DEC
Terminal Configuration: Stand-alone
Communications Protocols: APL
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$1,995
Average Monthly Maintenance:
\$100
Distribution Method: End user,
Third-party
Date First Installed: January 1980
(See Vendor Profile Page V-3)

ANDROMEDA SYSTEMS, INC. VDT 11A

Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:

Bisynchronous

Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 4,
standard; 4, maximum
List Price: \$1,700
Distribution Method: End user
Date First Installed: April 1981
(See Vendor Profile Page V-3)

ANDROMEDA SYSTEMS, INC. VDT 11B

Specific Application: WP
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 19
List Price: \$1,900
Distribution Method: End user
Date First Installed: October 1981

ANDROMEDA SYSTEMS, INC. VDT 11C

Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 19,
standard; 19, maximum
List Price: \$2,200
Average Monthly Maintenance: \$1
Distribution Method: End user
Date First Installed: January 1982

ARTS COMPUTER PRODUCTS, INC.

LPVT
Specific Application: DP for the
Blind
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 19 in.,
standard; 25 in., optional
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$5,300
Average Monthly Maintenance: \$53
Distribution Method: End user,
Third-party
Date First Installed: December 1979
(See Vendor Profile Page V-4)

ARTS COMPUTER PRODUCTS, INC.

ORATOR 1
Specific Application: DP for the
Blind
Compatibility: TTY; Honeywell;
Sperry; Burroughs; NCR; CDC; DEC
Plug Compatibility: LSI ADM-3A

Terminal Configuration: Stand-alone

Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$5,300
Average Monthly Maintenance: \$53
Distribution Method: End user,
Third-party
Date First Installed: October 1979

ARTS COMPUTER PRODUCTS, INC.

ORATOR 2
Specific Application: DP for the
Blind
Compatibility: TTY; Honeywell;
Sperry; Burroughs; NCR; CDC; DEC
Plug Compatibility: LSI ADM-3A
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 19 in.
Line/Screen: 24
Character/Line: 80
List Price: \$4,500
Average Monthly Maintenance: \$45
Distribution Method: End user,
Third-party
Date First Installed: December 1982

BRAEGEN CORP. 8420

Compatibility: IBM 3270
Terminal Configuration: Cluster
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 80
Character/Line: 80
Color Capability: No
Program Function Keys: 24
List Price: \$1,500
Average Monthly Maintenance: \$20
Distribution Method: End user
Date First Installed: March 1983
(See Vendor Profile Page V-5)

CIE SYSTEMS, INC. CIT-80

Compatibility: TTY
Plug Compatibility: DEC VT52
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$1,195
Distribution Method: Third-party
(See Vendor Profile Page V-6)

CIE SYSTEMS, INC.

CIT-101
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
List Price: \$1,495
Distribution Method: Third-party

CIE SYSTEMS, INC.

CIT-161
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: Yes
List Price: \$2,595
Distribution Method: Third-party

CIE SYSTEMS, INC.

CIT-414
Compatibility: TTY
Plug Compatibility: Tektronix 4010,
4014
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$1,895
Distribution Method: Third-party

CIE SYSTEMS, INC.

CIT-427
Compatibility: TTY
Plug Compatibility: Tektronix 4027
Terminal Configuration: Stand-alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: Yes
Distribution Method: Third-party

COBAR, INC.

3100
Compatibility: TTY

Conversational Terminals

Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone

Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 18, standard; 18, maximum
List Price: \$1,195
Average Monthly Maintenance: \$35
Distribution Method: End user
Date First Installed: January 1981
(See Vendor Profile Page V-7)

COMPUTERWISE, INC.

TRANSTERM 1
Specific Application: Data Entry
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Line/Screen: 2
Character/Line: 32
Color Capability: No
List Price: \$449
Distribution Method: End user
Date First Installed: March 1981
(See Vendor Profile Page V-9)

COMPUTERWISE, INC.

TRANSTERM 1A
Compatibility: IBM 3270; TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Line/Screen: 2
Character/Line: 32
Color Capability: No
List Price: \$449
Distribution Method: End user
Date First Installed: March 1981

COMPUTERWISE, INC.

TRANSTERM 2
Specific Application: Data Entry
Compatibility: TTY
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$549
Distribution Method: End user
Date First Installed: March 1982

COMPUTERWISE, INC.

TRANSTERM 3
Compatibility: TTY
Data Transmission Characteristics:

Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Line/Screen: 2
Character/Line: 40
Color Capability: No
List Price: \$499
Distribution Method: End user
Date First Installed: January 1983

CONTROL CONCEPTS CORP.

CC-3278
Compatibility: IBM 3270
Plug Compatibility: IBM 3278
Terminal Configuration: Cluster; 32
Communications Protocols: Asynchronous, SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii, Eotdc
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 24, standard; 24, maximum
List Price: \$1,300
Average Monthly Maintenance: \$25
Distribution Method: End user
Date First Installed: July 1982
(See Vendor Profile Page V-9)

CROMEMCO, INC.

C1, CTI, CKBA
Compatibility: TTY
Data Transmission Characteristics: Full-Duplex, Ascii
Maximum Transmission Speed: 60,000 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
List Price: \$885
Distribution Method: Third-party
Date First Installed: May 1983
(See Vendor Profile Page V-9)

CROMEMCO, INC.

C1, CTI, CKBC
Compatibility: TTY
Data Transmission Characteristics: Full-Duplex, Ascii
Maximum Transmission Speed: 60,000 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 20
List Price: \$1,085
Distribution Method: Third-party
Date First Installed: June 1983

DATA GENERAL CORP.

#052 DASHER
Compatibility: TTY
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 8, standard; 8, maximum
Distribution Method: Third-party
(See Vendor Profile Page V-10)

DATA GENERAL CORP.

#053 DASHER
Compatibility: TTY
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 11, standard; 11, maximum
Distribution Method: Third-party

DATA GENERAL CORP.

DASHER D100
Compatibility: TTY
Terminal Configuration: Cluster
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Asynchronous, Ascii
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 96
Color Capability: No
Program Function Keys: 15, standard; 15, maximum
Distribution Method: Third-party
Date First Installed: 1979

DATA GENERAL CORP.

DASHER D200
Compatibility: IBM 3270
Terminal Configuration: Cluster
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 96
Color Capability: No
Program Function Keys: 15, standard; 15, maximum
Distribution Method: Third-party
Date First Installed: April 1982

DATA GENERAL CORP.

DASHER D280C
Compatibility: TTY
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous
Maximum Transmission Speed: 9,600 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 13 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 8 colors
Program Function Keys: 15, standard; 15, maximum
Distribution Method: Third-party

DATA GENERAL CORP.

DASHER Q300
Compatibility: TTY
Communications Protocols: Bisynchronous
Data Transmission Characteristics:

Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 10, standard; 20, maximum
Distribution Method: Third-party

DATA GENERAL CORP.

DASHER D400
Compatibility: TTY
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 135, optional
Color Capability: No
Program Function Keys: 15, standard; 20, maximum
Distribution Method: Third-party

DATA GENERAL CORP.

DASHER D450
Compatibility: TTY
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Ascii
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 135, optional
Program Function Keys: 15, standard; 20, maximum
Distribution Method: Third-party

DATAMEDIA CORP.

COLORSCAN 10
Specific Application: Data Entry
Compatibility: TTY; DEC
Plug Compatibility: DEC VT100, DEC VT52
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: 8 colors
Program Function Keys: 12, standard; 12, maximum
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-10)

DATAMEDIA CORP.

COLORSCAN 30
Specific Application: Data Entry
Compatibility: TTY; Hazeltine 1420
Plug Compatibility: ADDS Regent 25; LSI ADM-3A; Hazeltine 1420; Datamedia 1521
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous

Conversational Terminals

Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: 8 colors
Program Function Keys: 8,
standard; 12, maximum
Distribution Method: OEM, Third-
party

DATAMEDIA CORP.
COLORSCAN 78
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DG D100/200,
D6053, D6052
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: 8 colors
Program Function Keys: 12,
standard; 12, maximum
Distribution Method: OEM, Third-
party

DATAMEDIA CORP.
EXCEL 10
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT100,
VT52
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Program Function Keys: 4,
standard; 4, maximum
Distribution Method: OEM, Third-
party

DATAMEDIA CORP.
EXCEL 20
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: DEC VT100,
VT52
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132,
optional

Color Capability: No
Distribution Method: OEM, Third-
party

DATAMEDIA CORP.
EXCEL 30
Specific Application: Data Entry
Compatibility: TTY
Plug Compatibility: Datamedia
1521; ADDS Regent 25; LSI ADM-
3A; Hazeltine 1420
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 8,
maximum
Distribution Method: OEM, Third-
party

DATAMEDIA CORP.
EXCEL 70
Specific Application: Data Entry
Compatibility: TTY; DG
Plug Compatibility: DG D100/200,
DG 6053, DG 6052
Terminal Configuration: Stand-
alone
Communications Protocols: RS 232
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 12,
standard; 19, maximum
Distribution Method: OEM, Third-
party

DATA-TYPE, INC.
K5A
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: Tektronix 4006,
4010, 4014, 4016
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.,
standard; 14 in., optional
Line/Screen: 24, standard; 40,
optional
Character/Line: 80, standard; 132,
optional
Color Capability: Yes
Program Function Keys: 12,
standard; 12, maximum
List Price: \$4,995
Average Monthly Maintenance: \$60
Distribution Method: End user
Date First Installed: October 1982
(See Vendor Profile Page V-12)

DATA TYPE, INC.
KK1
Specific Application: Graphics
Compatibility: TTY
Plug Compatibility: Tektronix 4006,
4014, 4010, 4016
Terminal Configuration: Stand-
alone
Communications Protocols: None
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Synchronous
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 12,
standard; 12, maximum
List Price: \$4,495
Average Monthly Maintenance: \$60
Distribution Method: End user
Date First Installed: October 1982

DECISION DATA COMPUTER
CORP.
3751-11 DISPLAY STATION
Compatibility: IBM 3270
Plug Compatibility: IBM 5251-11
Communications Protocols: X.25,
IBM Interface
Data Transmission Characteristics:
Synchronous, Ebdic
Maximum Transmission Speed: 1
Mhz
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24
List Price: \$2,175
Average Monthly Maintenance: \$21
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-12)

DECISION DATA COMPUTER
CORP.
3791-01 DISPLAY STATION
Compatibility: IBM 3270
Plug Compatibility: IBM 5291-1
Communications Protocols: X.25
Data Transmission Characteristics:
Synchronous
Maximum Transmission Speed: 2
Mhz
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Program Function Keys: 24
List Price: \$1,810
Distribution Method: End user
Date First Installed: July 1983

DELTA DATA SYSTEMS CORP.
DELTA 2100
Compatibility: TTY
Terminal Configuration: Cluster; 8
Communications Protocols: Echo
Data Transmission Characteristics:
Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
List Price: \$1,995
Average Monthly Maintenance: \$33
Distribution Method: End user
(See Vendor Profile Page V-12)

DIGITAL EQUIPMENT CORP.
VT101
Compatibility: TTY
Terminal Configuration: Stand-
alone

Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Full-Duplex,
Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80, standard; 132,
optional
Color Capability: No
Program Function Keys: 4,
standard; 4, maximum
List Price: \$1,350
Average Monthly Maintenance: \$15
Distribution Method: Third-party
(See Vendor Profile Page V-13)

GENERAL DIGITAL CORP.
VUE POINT
Specific Application: Touch Screen
Terminal Configuration: Stand-
alone
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
19,200 bit/sec
Diagonal Screen Size: 9 in.
Line/Screen: 12
Character/Line: 40
Color Capability: No
List Price: \$3,500
Average Monthly Maintenance: \$35
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-15)

HARRIS CORP.
1575
Specific Application: Data Entry
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Asynchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard; 12, maximum
Distribution Method: End user
Date First Installed: 1978
(See Vendor Profile Page V-16)

HARRIS CORP.
1685
Specific Application: Data Entry
Communications Protocols:
Bisynchronous
Data Transmission Characteristics:
Half-Duplex, Asynchronous
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 12,
standard; 12, maximum
Distribution Method: End user
Date First Installed: 1978

HEWLETT-PACKARD CO.
2382A
Compatibility: TTY
Data Transmission Characteristics:
Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed:
9,600 bit/sec
Diagonal Screen Size: 8 in.

Conversational Terminals

Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 8
List Price: \$1,720
Average Monthly Maintenance: \$20
Distribution Method: End user, OEM
Date First Installed: 1981
(See Vendor Profile Page V-16)

ICL, INC.
KKKUSAI KDS T362
Terminal Configuration: Cluster
Communications Protocols: Half-Duplex; Full-Duplex; Asynchronous; Synchronous, Ascii
Data Transmission Characteristics: Asynchronous; Synchronous
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 19
List Price: \$800
Distribution Method: Third-party
Date First Installed: 1982
(See Vendor Profile Page V-17)

Additional Information provided for by vendor

Kokusai KDS T362
Video display terminal
RS232C or 20 MA current loop
I/F
Detachable keyboard
Multi-language
Full screen attributes
Up to 9600 baud; selectable
parity
low cost; high reliability

INFORMER COMPUTER TERMINALS, INC.
MODEL 201
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: Third-party
(See Vendor Profile Page V-19)

INFORMER COMPUTER TERMINALS, INC.
MODEL 202
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 9 in., standard; 12 in., optional

Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: Third-party

INFORMER COMPUTER TERMINALS, INC.
MODEL 203
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: Third-party

INFORMER COMPUTER TERMINALS, INC.
MODEL 305
Compatibility: IBM 3270
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler: Optional
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: Third-party

INTERACTION SYSTEMS, INC.
TT/100
Specific Application: Data Entry
Compatibility: TTY
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: Yes
Program Function Keys: 20, standard; 20, maximum
List Price: \$4,000
Distribution Method: End user
(See Vendor Profile Page V-19)

INTERACTION SYSTEMS, INC.
TT/150
Specific Application: Data Entry
Compatibility: TTY
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 25
Character/Line: 80
Color Capability: Yes
Program Function Keys: 20, standard; 20, maximum
List Price: \$2,470
Distribution Method: End user

Date First Installed: January 1983

IXO, INC.
TC-101 PORTABLE TERMINAL
Specific Application: Electronic Mail
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integrated Modem/Coupler: Standard
Line/Screen: 1
Character/Line: 16
Color Capability: No
Program Function Keys: 6
List Price: \$300
Distribution Method: End user, Third-party
Date First Installed: April 1982
(See Vendor Profile Page V-20)

IXO, INC.
TC-102 PORTABLE TERMINAL
Specific Application: Electronic Mail
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integrated Modem/Coupler: Standard
Line/Screen: 1
Character/Line: 16
Color Capability: No
Program Function Keys: 6
List Price: \$325
Distribution Method: End user, Third-party
Date First Installed: August 1982

JOHN FLUKE MANUFACTURING CO., INC.
1780A
Compatibility: TTY
Plug Compatibility: DEC VT100
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 9 in.
Line/Screen: 16
Character/Line: 80
Color Capability: No
Program Function Keys: 60
List Price: \$1,995
Average Monthly Maintenance: \$11
Distribution Method: End user, OEM, Third-party
Date First Installed: June 1982
(See Vendor Profile Page V-21)

KENNEWICK INDUSTRIAL CORP.
KIE-3682
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex,

Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 62
List Price: \$995
Distribution Method: End user, Third-party
(See Vendor Profile Page V-21)

LEAR SIEGLER, INC.
ADM-3A
Specific Application: Data Entry
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$595
Distribution Method: Third-party
Date First Installed: 1975
(See Vendor Profile Page V-21)

LEAR SIEGLER, INC.
ADM-5
Specific Application: Data Entry
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$645
Distribution Method: Third-party
Date First Installed: 1981

LEAR SIEGLER, INC.
ADM-II
Specific Application: Data Entry
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Program Function Keys: 4, standard; 8, maximum
List Price: \$695
Distribution Method: Third-party
Date First Installed: June 1983

LEE DATA CORP.
MODEL 1216
Specific Application: Interactive Inquiry
Compatibility: IBM 3270; TTY
Plug Compatibility: IBM 3178; DEC VT100

Conversational Terminals

Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 14 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
List Price: \$1,411
Distribution Method: End user
Date First Installed: July 1983
(See Vendor Profile Page V-21)

LEE DATA CORP.
MODEL 1218
Compatibility: IBM 3270, TTY
Plug Compatibility: IBM 3278, DEC VT100
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
List Price: \$2,394
Date First Installed: June 1981

LEE DATA CORP.
MODEL 1220
Compatibility: IBM 3270, TTY
Plug Compatibility: IBM 3278, DEC VT100
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80, standard; 132, optional
Color Capability: No
Program Function Keys: 24, standard; 24, maximum
List Price: \$2,790
Average Monthly Maintenance: \$11
Distribution Method: Third-party
Date First Installed: June 1981

LEE DATA CORP.
MODEL 1230
Compatibility: IBM 3270
Plug Compatibility: IBM 3279
Terminal Configuration: Cluster; 32
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: 4 colors
Program Function Keys: 24, standard; 24, maximum
List Price: \$3,521
Average Monthly Maintenance: \$11

Distribution Method: End user
Date First Installed: November 1981

LEE DATA CORP.
MODEL 1231
Plug Compatibility: IBM 3279
Terminal Configuration: Cluster; 32
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 15 in.
Line/Screen: 24, standard; 32, optional
Character/Line: 80
Color Capability: 4 colors
Program Function Keys: 24, standard; 24, maximum
List Price: \$3,841
Date First Installed: November 1981

MEMOREX CORP.
1377 DISPLAY STATION
Compatibility: IBM 3270
Communications Protocols: Asynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$1,100
Distribution Method: End user
Date First Installed: 1977
(See Vendor Profile Page V-23)

MEMOREX CORP.
2051 DISPLAY STATION
Compatibility: IBM 3270
Plug Compatibility: IBM 5251 MD II
Terminal Configuration: Cluster
Communications Protocols: Asynchronous, SDLC
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Diagonal Screen Size: 15 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Distribution Method: Third-party
Date First Installed: October 1981

MEMOREX CORP.
2078 DISPLAY STATION
Compatibility: IBM 3270
Plug Compatibility: Memorex 2074, 2076; IBM 3274, 3276
Terminal Configuration: Cluster; 32
Communications Protocols: Asynchronous, Synchronous
Diagonal Screen Size: 15 in.
Line/Screen: 43
Character/Line: 132
Color Capability: No
Program Function Keys: 10, standard; 24, maximum
List Price: \$3,435
Average Monthly Maintenance: \$18
Distribution Method: End user
Date First Installed: December 1980

MEMOREX CORP.
2079 COLOR DISPLAY STATION
Specific Application: Graphics
Compatibility: IBM 3270
Plug Compatibility: Memorex 2074, 2076; IBM 3274, 3276

Terminal Configuration: Cluster; 32
Communications Protocols: SDLC, HDLC, Synchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Synchronous
Diagonal Screen Size: 15 in.
Line/Screen: 32
Character/Line: 132
Color Capability: 7 colors
Program Function Keys: 10, standard; 24, maximum
List Price: \$3,726
Average Monthly Maintenance: \$38
Distribution Method: End user

MICRODATA CORP.
7450
Specific Application: Data Entry
Compatibility: IBM 3270
Terminal Configuration: Cluster; 16
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Diagonal Screen Size: 9 in.
Character/Line: 40
Color Capability: No
List Price: \$1,990
Average Monthly Maintenance: \$17
Distribution Method: End user
Date First Installed: 1978
(See Vendor Profile Page V-24)

MICRODATA CORP.
PRISM IV
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 8, standard; 16, maximum
List Price: \$1,495
Average Monthly Maintenance: \$11
Distribution Method: End user, Third-party
Date First Installed: February 1983

MILTOPE CORP.
MIL-TERM-280
Specific Application: Military
Compatibility: TTY, DEC
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Line/Screen: 25
Character/Line: 80
Program Function Keys: 9, standard; 12, maximum
List Price: \$15,600
Distribution Method: OEM
Date First Installed: 1980
(See Vendor Profile Page V-24)

NABU COMMERCIAL
TERMINAL, INC.
4404
Compatibility: TTY
Terminal Configuration: Stand-alone

Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 10
List Price: \$695
Distribution Method: Third-party
Date First Installed: 1981
(See Vendor Profile Page V-25)

NCR CORP.
7900 MODEL 1
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 5
Distribution Method: End user
(See Vendor Profile Page V-26)

NCR CORP.
7900 MODEL 2
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 17
Distribution Method: End user

NCR CORP.
7900 MODEL 3
Compatibility: TTY
Terminal Configuration: Cluster; 96
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 10
Distribution Method: End user

NCR CORP.
7900 MODEL 4
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 10
Distribution Method: End user

Conversational Terminals

NCR CORP.

NCR 7901
 Compatibility: TTY
 Terminal Configuration: Cluster
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
 Maximum Transmission Speed:
 19,200 bit/sec
 Integrated Modem/Coupler:
 Optional
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 10,
 standard; 10, maximum
 List Price: \$850
 Distribution Method: Third-party
 Date First Installed: June 1982

NORTHERN TELECOM, INC.

DISPLAY PHONE
 Specific Application: Data Base
 Access
 Compatibility: IBM 3270; TTY;
 Honeywell; Sperry; Burroughs; NCR;
 CDC
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Integrated Modem/Coupler:
 Standard
 Diagonal Screen Size: 7 in.
 Line/Screen: 25
 Character/Line: 40
 Color Capability: No
 Program Function Keys: 5,
 standard; 24, maximum
 List Price: \$1,295
 Average Monthly Maintenance: \$18
 Distribution Method: End user,
 Third-party
 Date First Installed: April 1982
 (See Vendor Profile Page V-26)

PERKIN-ELMER CORP.

550
 Compatibility: TTY
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 25
 Character/Line: 80
 Color Capability: 3 colors, optional
 Distribution Method: End user
 Date First Installed: 1977
 (See Vendor Profile Page V-28)

PERKIN-ELMER CORP.

550B
 Compatibility: TTY
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.

Line/Screen: 25
 Character/Line: 80
 Color Capability: 3 colors, optional
 Distribution Method: End user
 Date First Installed: 1977

PERKIN-ELMER CORP.

550E
 Compatibility: TTY
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 25
 Character/Line: 80
 Color Capability: 3 colors, optional
 Distribution Method: End user
 Date First Installed: 1977

PERRY DATA SYSTEMS, INC.

9200
 Specific Application: POS
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 12,
 standard; 12, maximum
 List Price: \$1,375
 Distribution Method: End user
 Date First Installed: June 1982
 (See Vendor Profile Page V-28)

PERRY DATA SYSTEMS, INC.

9310
 Specific Application: POS
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 12,
 standard; 12, maximum
 List Price: \$3,500
 Distribution Method: End user
 Date First Installed: June 1982

PERRY DATA SYSTEMS, INC.

9460
 Specific Application: POS
 Plug Compatibility: IBM 3701; DG
 3200; ADDS Regent 25
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Full-Duplex, Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 12,
 standard; 12, maximum

List Price: \$3,500
 Distribution Method: End user
 Date First Installed: June 1982

PMC, INC.

IWS 100
 Specific Application: Factory
 Compatibility: TTY; DEC
 Plug Compatibility: DEC VT100
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Asynchronous, Ascii
 Maximum Transmission Speed:
 19,200 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 16
 List Price: \$1,595
 Distribution Method: End user
 (See Vendor Profile Page V-28)

PRODUCT DEVELOPMENT SERVICES, INC.

1150 INDUSTRIAL TERMINAL
 Specific Application: Factory
 Automation
 Compatibility: IBM 3270; TTY
 Plug Compatibility: DEC VT100
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous, X.25, Asynchronous,
 SDLC
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Synchronous, Ascii
 Maximum Transmission Speed:
 19,200 bit/sec
 Integrated Modem/Coupler:
 Optional
 Diagonal Screen Size: 15 in.,
 standard; 12 in., optional
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 37,
 standard; 37, maximum
 List Price: \$3,950
 Distribution Method: OEM
 Date First Installed: March 1983
 (See Vendor Profile Page V-29)

PRODUCT DEVELOPMENT SERVICES, INC.

4150 INDUSTRIAL MONITOR
 Specific Application: Factory
 Automation
 Compatibility: RS 170
 Terminal Configuration: Stand-
 alone
 Data Transmission Characteristics:
 Half-Duplex, Synchronous
 Maximum Transmission Speed:
 24,000 bit/sec
 Diagonal Screen Size: 19 in.,
 standard; 12 in., optional
 Color Capability: 8 colors, optional
 List Price: \$1,900
 Distribution Method: OEM
 Date First Installed: March 1983

PROTOCOL COMPUTER, INC.

PC151
 Compatibility: IBM 3270, TTY
 Plug Compatibility: IBM 5251-11,
 5291
 Terminal Configuration: Cluster; 7
 Communications Protocols:
 Bisynchronous, Asynchronous,
 SDLC
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,

Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 24,
 standard; 24, maximum
 List Price: \$935
 Distribution Method: End user,
 OEM, Third-party
 Date First Installed: March 1983
 (See Vendor Profile Page V-29)

PROTOCOL COMPUTER, INC.

PC178
 Compatibility: IBM 3270, TTY
 Plug Compatibility: IBM 3277, 3176,
 3278
 Terminal Configuration: Cluster; 7
 Communications Protocols:
 Bisynchronous, Asynchronous,
 SDLC
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 24,
 standard; 24, maximum
 List Price: \$995
 Distribution Method: End user,
 OEM, Third-party
 Date First Installed: March 1983

PSITECH

QTC 329
 Plug Compatibility: DEC VT52
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
 Maximum Transmission Speed:
 19,200 bit/sec
 Diagonal Screen Size: 14 in.
 Line/Screen: 48
 Character/Line: 85
 Color Capability: 409 colors
 Program Function Keys: 32,
 standard; 93, maximum
 Distribution Method: End user, OEM
 Date First Installed: February 1983
 (See Vendor Profile Page V-30)

SPERRY CORP.

UTS 10
 Compatibility: TTY
 Terminal Configuration: Stand-
 alone
 Communications Protocols:
 Bisynchronous
 Data Transmission Characteristics:
 Half-Duplex, Full-Duplex,
 Asynchronous, Ascii
 Maximum Transmission Speed:
 9,600 bit/sec
 Diagonal Screen Size: 12 in.
 Line/Screen: 24
 Character/Line: 80
 Color Capability: No
 Program Function Keys: 12,
 standard; 12, maximum
 List Price: \$1,428 to \$1,720
 Distribution Method: End user
 Date First Installed: October 1980
 (See Vendor Profile Page V-33)

Conversational Terminals

TAIHAN ELECTRIC WIRE CO., LTD.

TH-3
Compatibility: LSI ADM-3A
Terminal Configuration: Cluster
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 24
Distribution Method: OEM
(See Vendor Profile Page V-34)

TANDY CORP.

DT-1
Plug Compatibility: Televideo 910, 5
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 9,600 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 2, standard; 2, maximum
List Price: \$699
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-34)

TEKTRONIX, INC.

AD06
Specific Application: Graphics; Data Entry
Compatibility: TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 4,800 bit/sec
Diagonal Screen Size: 11 in.
Line/Screen: 35
Character/Line: 74
Color Capability: No
List Price: \$3,900
Average Monthly Maintenance: \$42
Distribution Method: End user, OEM
Date First Installed: June 1975
(See Vendor Profile Page V-36)

TEKTRONIX, INC.

AD12
Specific Application: Graphics; Data Entry
Compatibility: TTY; Honeywell; Sperry; Burroughs; NCR; CDC
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 11 in.
Line/Screen: 35
Character/Line: 74

Color Capability: No
List Price: \$6,200
Average Monthly Maintenance: \$46
Distribution Method: End user, OEM
Date First Installed: June 1973

TELESENSORY SYSTEMS, INC.

P2C
Specific Application: Braille Terminal
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: None
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Integrated Modem/Coupler:
Standard
Line/Screen: 1
Character/Line: 20
Color Capability: No
Program Function Keys: 6, standard; 6, maximum
List Price: \$8,950
Distribution Method: End user
Date First Installed: December 1979
(See Vendor Profile Page V-36)

TELETYPE CORP.

5410
Compatibility: TTY
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
Program Function Keys: 16, standard; 16, maximum
List Price: \$995
Distribution Method: OEM
Date First Installed: July 1983
(See Vendor Profile Page V-36)

TELEVIDEO SYSTEMS, INC.

9118
Compatibility: TTY
Plug Compatibility: LSI ADM-5; Hazeltine 410; ADDS Region 25
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 12 in.
Line/Screen: 24
Character/Line: 80
Color Capability: No
List Price: \$695
Distribution Method: OEM, Third-party
Date First Installed: November 1981
(See Vendor Profile Page V-36)

TERMI-FLEX CORP.

CD-20
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 1
Character/Line: 16
Color Capability: No
List Price: \$455
Distribution Method: Third-party
Date First Installed: June 1974
(See Vendor Profile Page V-37)

TERMI-FLEX CORP.

HT-2
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 2
Character/Line: 10
Color Capability: No
List Price: \$2,495
Distribution Method: Third-party
Date First Installed: October 1973

TERMI-FLEX CORP.

HT-3
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 1
Character/Line: 12
Color Capability: No
List Price: \$795
Distribution Method: Third-party
Date First Installed: October 1973

TERMI-FLEX CORP.

HT-4
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 2
Character/Line: 12
Color Capability: No
List Price: \$1,198
Distribution Method: Third-party
Date First Installed: June 1974

TERMI-FLEX CORP.

HT-6
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec

Diagonal Screen Size: 5 in.
Line/Screen: 1
Character/Line: 20
Color Capability: No
List Price: \$1,795
Distribution Method: Third-party
Date First Installed: June 1974

TERMI-FLEX CORP.

HT-6W
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 1
Character/Line: 20
Color Capability: No
List Price: \$2,980
Distribution Method: Third-party
Date First Installed: October 1982

TERMI-FLEX CORP.

HT-7
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 2
Character/Line: 20
Color Capability: No
List Price: \$2,595
Distribution Method: Third-party
Date First Installed: June 1974

TERMI-FLEX CORP.

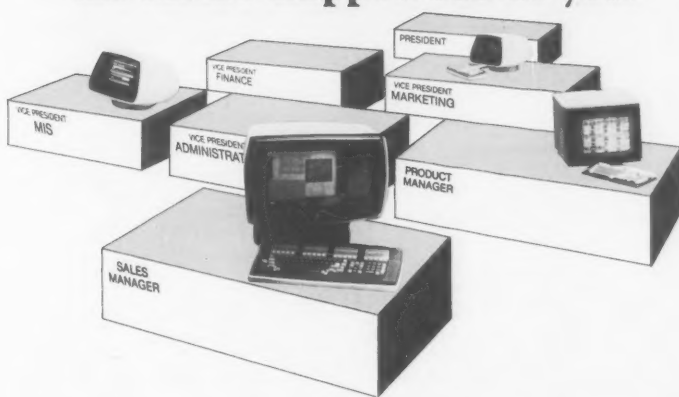
HT-7W
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 2
Character/Line: 20
Color Capability: No
List Price: \$3,780
Distribution Method: Third-party
Date First Installed: October 1982

TERMI-FLEX CORP.

HT-8
Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 4
Character/Line: 20
Color Capability: No
List Price: \$3,995

WHAT'S THE FUTURE OF MICROS IN YOUR ORGANIZATION?

Turn to "The Micro Mission" this fall and get the future mapped out for you.



What's the future of Micros in your organization? Turn to "The Micro Mission" this fall and get the future mapped out for you.

This November, *Computerworld* will give you an Extra! you can't afford to miss. Not if you plan to take advantage of the hundreds of possibilities micros give you. You'll get articles, interviews, applications stories, tutorials, market data, and advice from the experts — a whole issue of *Computerworld Extra!* devoted to "The Micro Mission." And it will come in the mail at the end of November as a bonus issue! You don't have to do a thing. Just look at what's coming to you.

You'll get an examination of the politics of microcomputers in organizations, a roundtable discussion by DP/MIS experts dealing with a wide range of topics relating to personal computers — from selection to implementation. And, there'll be a whole article devoted to how large companies deal with training personnel to use personal computers.

You'll get articles on:

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- Word processing software for personal computers
- An evaluation of spreadsheet software for personal computers
- Networking personal computers into the corporate database
- Maintenance, service and support policies of vendors
- Database management systems on personal computers

And there'll be a special profile of an operating information center where employees are trained on the use of personal computers. You'll see how they're helped in selecting the right product for their needs and how they're aided in implementation and ongoing training. You'll also get a look at the financial ins and outs of the market, pros and cons of personal computers replacing CRTs, and . . . you get the idea. You're going to get a whole issue packed with news on micros you can't afford to miss.

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COMPUTERWORLD

THE NEWSWEEKLY FOR THE COMPUTER COMMUNITY

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Name _____
Title _____
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City _____ State _____ Zip _____
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Conversational Terminals

Distribution Method: Third-party
Date First Installed: June 1974

TERMFLEX CORP.

HT-8W

Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 4
Character/Line: 20
Color Capability: No
List Price: \$5,180
Distribution Method: Third-party
Date First Installed: October 1982

TERMFLEX CORP.

HT-10

Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 1
Character/Line: 12
List Price: \$495
Distribution Method: End user, Third-party
Date First Installed: June 1974

TERMFLEX CORP.

HT-11

Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 1
Character/Line: 16
List Price: \$595
Distribution Method: Third-party
Date First Installed: June 1974

TERMFLEX CORP.

HT-12

Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 2
Character/Line: 16
List Price: \$750
Distribution Method: Third-party
Date First Installed: June 1974

TERMFLEX CORP.

HT-12M0

Specific Application: Military
Communications Protocols:

Bisynchronous

Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 2
Character/Line: 16
Color Capability: No
List Price: \$400
Distribution Method: Third-party
Date First Installed: May 1983

TERMFLEX CORP.

HT-20

Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 1
Character/Line: 16
Color Capability: No
List Price: \$495
Distribution Method: End user, Third-party
Date First Installed: June 1974

TERMFLEX CORP.

HT-1000

Specific Application: Military
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 19,200 bit/sec
Diagonal Screen Size: 5 in.
Line/Screen: 4
Character/Line: 16
Color Capability: No
Program Function Keys: 4, standard; 4, maximum
List Price: \$795
Distribution Method: Third-party
Date First Installed: October 1973

TRANS-LUX CORP.

TRANS-LUX CONNECTION

Specific Application: Telex
Compatibility: TTY
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Asynchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 12 in.
Line/Screen: 32
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$3,495
Distribution Method: End user, Third-party
Date First Installed: 1982
(See Vendor Profile Page V-37)

TRANS-LUX CORP.

VIDIQUOTE

Specific Application: Telex
Data Transmission Characteristics:

Half-Duplex, Full-Duplex, Asynchronous, Synchronous
Diagonal Screen Size: 12 in.
Line/Screen: 48
Character/Line: 132
Color Capability: No
List Price: \$2,000
Distribution Method: End user

TYMSHARE, INC.

SCANSET XL

Specific Application: Information Access
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 40, standard; 80, optional
Color Capability: No
Program Function Keys: 6, standard; 12, maximum
List Price: \$695
Average Monthly Maintenance: \$95
Distribution Method: End user, OEM, Third-party
Date First Installed: 1983
(See Vendor Profile Page V-38)

TYMSHARE, INC.

SCANSET 410

Specific Application: Information Access
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 40, standard; 80, optional
Color Capability: No
Program Function Keys: 6, standard; 12, maximum
List Price: \$495
Average Monthly Maintenance: \$85
Distribution Method: End user, OEM, Third-party
Date First Installed: 1982

TYMSHARE, INC.

SCANSET 415

Specific Application: Information Access
Terminal Configuration: Stand-alone
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 300 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 40, standard; 80, optional
Color Capability: No
Program Function Keys: 6, standard; 12, maximum
List Price: \$649
Average Monthly Maintenance: \$85
Distribution Method: End user, OEM, Third-party
Date First Installed: 1982

TYMSHARE, INC.

SCANSET 415/HS

Specific Application: Information Access
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Synchronous, Ascii
Maximum Transmission Speed: 1200 bit/sec
Integrated Modem/Coupler: Standard
Diagonal Screen Size: 9 in.
Line/Screen: 24
Character/Line: 40, standard; 80, optional
Color Capability: No
Program Function Keys: 6, standard; 12, maximum
List Price: \$1,295
Distribution Method: End user, OEM, Third-party
Date First Installed: 1983

VISUAL TECHNOLOGY, INC.

VISUAL 55

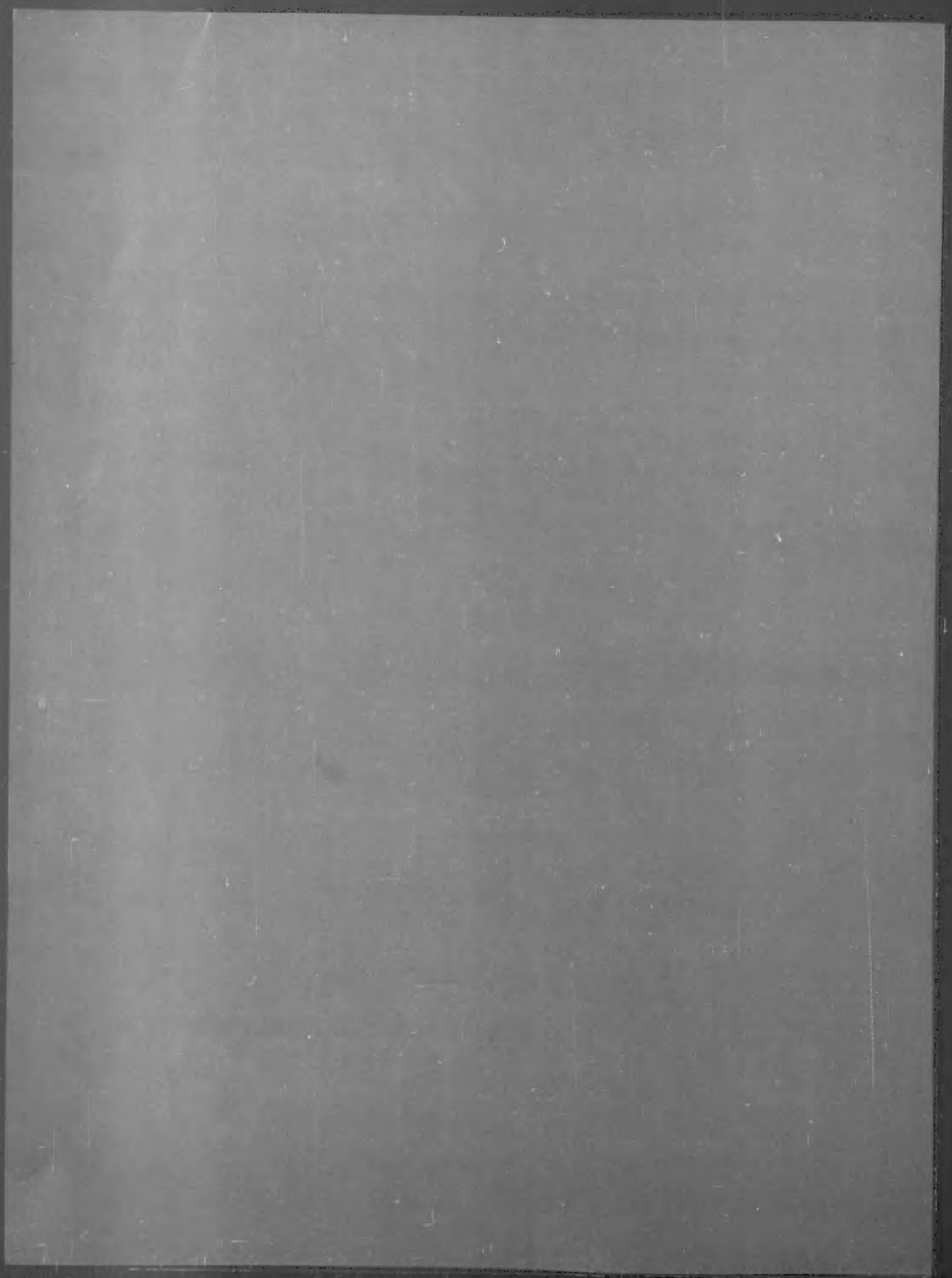
Compatibility: TTY
Plug Compatibility: DEC VT52; Hazeltine Esprit; ADDS Viewpoint; LSI ADM-3
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Half-Duplex, Full-Duplex, Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 25
Character/Line: 80
Color Capability: No
Program Function Keys: 12, standard; 12, maximum
List Price: \$895
Distribution Method: End user, Third-party
(See Vendor Profile Page V-38)

XETA, INC.

XETA

Specific Application: Typesetting
Compatibility: TTY
Plug Compatibility: Atex
Terminal Configuration: Stand-alone
Communications Protocols: Bisynchronous
Data Transmission Characteristics: Asynchronous, Ascii
Diagonal Screen Size: 12 in.
Line/Screen: 525
Character/Line: 80
Color Capability: 2 colors
List Price: \$395
Distribution Method: End user
Date First Installed: July 1983
(See Vendor Profile Page V-39)

PLOTTERS



Plotter Index By Technology Type

A plotter is a computer-output device that generates graphics; the following index is designed to provide an overview of the plotters contained in this section of the buyer's guide. Plotter products are indexed by category according to the type of plotter — drum, electrostatic or flatbed — and contain information on the vendor, product, plotting method, price and the page number on which the product is listed. In addition to the three sections on the main types of plotters, there is also a section for products which use other technologies.

Drum Plotters

VENDOR	MODEL	PLOTTING METHOD	PRICE	PAGE
AMF Geo Space Corp.	G56400	Raster, Other	\$60,000	B-56
Atari, Inc.	1020 COLOR PRINTER	Line plot	\$299	B-56
Benson, Inc.	1312/1313	Line plot	N/A	B-56
	1322/1323 PEN PLOTTER	Line plot	N/A	B-56
	1332/1333 PEN PLOTTER	Line plot	N/A	B-56
	1455	Line plot	N/A	B-56
California Computer Products, Inc.	CALCOMP 1012	Line plot	\$8,405	B-57
	CALCOMP 1037	Line plot	N/A	B-57
	CALCOMP 1038	Line plot	N/A	B-57
	CALCOMP 1039	Line plot	N/A	B-57
	CALCOMP 1051	Line plot	\$18,240	B-57
	CALCOMP 1055	Line plot	\$25,250	B-57
	CALCOMP 1060	Line plot	\$34,990	B-57
Data Design Logic Systems, Inc.	MODEL 2200	Point plot	\$11,500	B-57
	MODEL 3400	Point plot	\$14,500	B-58
Houston Instruments	COMPLIT PLOTTER CPS-19	Line plot	\$13,950	B-59
	COMPLIT PLOTTER CPS-20	Line plot	\$3,995 to \$4,595	B-59
	COMPLIT PLOTTER CPS-30	Line plot	\$5,995	B-59
	HILOTT PLOTTER DMP-40	Line plot	\$995	B-59
	HILOTT PLOTTER DMP-41/42	Line plot	\$2,995	B-59
Miltop Corp.	TP 3000	Point plot	\$15,600	B-62
Nicolet Zeta Corp.	5400	N/A	\$32,900	B-62
	ZETA 8	Line plot	\$5,950	B-62
	ZETA 822	Line plot	\$12,900	B-62
	ZETA 887	Line plot	\$7,950	B-62
	ZETA 3610	Line plot	\$25,900	B-62
	ZETA 3620	N/A	\$32,900	B-62
	ZETA 3653SX	Line plot	\$19,900	B-62
Optronics International, Inc.	4040	Point plot	N/A	B-62
	C-4300	Point plot	N/A	B-63
	C-4500	Point plot	N/A	B-63
	L-5500	Point plot	N/A	B-63
	P-1000	Point plot	N/A	B-63
	P-1500	Point plot	N/A	B-63
	P-1700	Point plot	N/A	B-63
Strobe, Inc.	MODEL 100	Point plot	\$699	B-63
	MODEL 200	Point plot	\$795	B-63

Electrostatic Plotters

VENDOR	MODEL	PLOTTING METHOD	PRICE	PAGE
Benson, Inc.	9211 ELECTROSTATIC	Point plot	N/A	B-56
California Computer Products, Inc.	CALCOMP 5000/5005	Point plot	\$9,640	B-57
	CALCOMP 5100/5105	Point plot	\$19,790	B-57
	CALCOMP 5200	N/A	\$10,640	B-57
	CALCOMP 5300	Point plot	\$23,790	B-57

Plotter Index

VENDOR	MODEL	PLOTTING METHOD	PRICE	PAGE
California Computer Products, Inc.	CALCOMP 5500	Point plot	N/A	B-57
Megatek Corp.	HCU-V	N/A	N/A	B-62
Soltec Corp.	6801	Line plot	\$1,995	B-63
Versatec, Inc.	8222F	Point plot	\$26,500	B-64
	8224F	Point plot	\$29,500	B-64
	8236F	Point plot	\$41,500	B-64
	8244F	Point plot	\$53,500	B-64
	8259A	Point plot	\$56,200	B-64
	8272A	Point plot	N/A	B-64
	8272A	Point plot	\$83,000	B-64
	ECP42	Point plot	\$96,000	B-64
	V80	Point plot	\$8,950	B-64
	V80F	Point plot	\$9,950	B-64

Flatbed Plotters

VENDOR	MODEL	PLOTTING METHOD	PRICE	PAGE
Alpha Merics Corp.	ALPHAPLOT I	Point plot	\$4,590	B-56
	ALPHAPLOT II	Point plot	\$5,590	B-56
Andak	DXV-100	Line plot	\$1,299	B-56
			\$749	B-56
Aristo Graphic Corp.	ARISTOMAT 100 SE	Line plot	\$46,000 to \$70,000	B-56
California Computer Products, Inc.	CALCOMP 84	Line plot	\$1,995	B-56
	CALCOMP 748	Line plot	\$77,980	B-56
Computer Talk, Inc.	500 FLATBED PLOTTER	Line plot	\$42,500	B-57
	520 FLATBED PLOTTER	Line plot	\$12,200	B-57
Data Design Logic Systems, Inc.	MODEL 3200	Point plot	\$9,500	B-58
Data Technology, Inc.	DT 3454	Arch	\$25,000	B-58
	DT 4060	Arch	\$27,000	B-58
Epsco, Inc.	EPSCO	Line plot	\$5,000	B-58
Gerber Camasco, Inc.	MP-5	Line plot	N/A	B-58
Gerber Scientific Instrument Co.	MODEL 32	Line plot	N/A	B-58
	MODEL 33	Line plot	N/A	B-58
	MODEL 34	Line plot	N/A	B-58
	MODEL 35	Line plot	N/A	B-58
	MODEL 41	Line plot	N/A	B-58
	MODEL 75	Line plot	N/A	B-59
	MODEL 77	Line plot	N/A	B-59
Houston Instruments	HIPLLOT PLOTTER DMP-29	Line plot	\$2,295	B-59
Image Graphics, Inc.	CRT 2000	Line plot	\$450,000	B-59
International Artex, Inc.	HIGH SPEED PLOTTER	Line plot	\$1,000	B-59
Kongsberg North America, Inc.	KONGSBERG I	Line plot	\$150,000 to \$300,000	B-59
Mannesmann Tally Corp.	PIXY 3	Line plot	\$795	B-62
Panasonic Industrial Co.	VP-6801P	Line plot	\$1,995	B-63
	VP-6802P	Line plot	N/A	B-63
Sanyo Business Systems Corp.	X-Y PLOTTER	Point plot	\$995	B-63
Systematic Computer Services, Inc.	ORTHOMAT 8000	Line plot	\$100,000 to \$250,000	B-63
Tandy Corp.	FP-215 PLOTTER/PRINTER	Line plot	\$995	B-63
Tektronix, Inc.	4662 INTERACTIVE DIGITAL PLOTTER	Line plot	\$5,800	B-63
	4663S INTERACTIVE DIGITAL PLOTTER	Line plot	\$10,900	B-63
Western Graphtec	MP 1000	Point plot	N/A	B-64
Xynetics, Inc.	SERIES 1000 DRAFTING TABLE	Line plot	\$85,000	B-64
Yokogawa of America	GRAPHMATE II	Line plot	\$2,950	B-64
	PL 2000	Line plot	\$2,100	B-64

Plotters Using Other Technologies

VENDOR	MODEL	PLOTTING METHOD	PRICE	PAGE
Aristo Graphic Corp.	ARISTOMAT 200	Linear/Circular Interpolation	N/A	B-56
Benson, Inc.	1565 RADIAL BED PEN PLOTTER	Line plot	N/A	B-56
	9215 ELECTROSTATIC PLOTTER	Point plot	N/A	B-56
California Computer Products, Inc.	CALCOMP 945	Line plot	\$15,790	B-56

Plotter Index

VENDOR	MODEL	PLOTTING METHOD	PRICE	PAGE
California Computer Products, Inc.	CALCOMP 965	Line plot	\$20,500	B-57
	CALCOMP 970	Line plot	\$39,610	B-57
Digital Equipment Corp.	CORRESPONDENT LA12	Bit-map	\$1,995	B-58
	DECWRITER IV LA34-VA	Bit-map	\$1,550	B-58
	LETTERPRINTER 100 LA100	Bit-map	\$2,500	B-58
Enter Computer, Inc.	SWEET-P 100	Line plot	\$795	B-58
Gerber Scientific Instrument Co.	MODEL 42	Line plot	N/A	B-58
	MODEL 43	Line plot	N/A	B-58
Hewlett-Packard Co.	HP 7470A GRAPHICS PLOTTER	Line plot	\$1,575	B-59
	HP 7580B	Line plot	\$16,100	B-59
	HP 7585B	Line plot	\$22,900	B-59
Image Graphics, Inc.	EBR 2000	Electron beam	\$350,000	B-59
Image Resource, Inc.	VIDEO PRINT MODEL 5000	Raster	\$6,000	B-59
Kongsberg North America, Inc.	KONGSBERG II	Line plot	\$150,000 to \$300,000	B-62
Numonics	5412	Line plot	\$1,295	B-62
	5424	Line plot	\$2,975	B-62
Seiko Instruments U.S.A., Inc.	CH-5201	Point plot	N/A	B-63
Softec Corp.	6802	Line plot	\$2,595	B-63
Western Graphtec	WX 4630 SERIES	Point plot	\$3,990 to \$6,990	B-64
	WX 4731 PLOT WRITER	Point plot	\$2,490	B-64
Yokogawa of America	PL1000	Line plot	\$1,150	B-64

How HP business graphics

Enhance your reputation for being more professional, persuasive, credible and effective than your competition with the new HP 7475A Business Professional's Plotter.

Make a first impression that lasts

The vital importance of graphics to today's business professional cannot be overstated. In survey after survey, statistics prove graphics can help you spot trends and relationships quickly, analyze data accurately, and communicate your ideas with more



clarity and power than in any other way.

Even more important, graphics can actually increase personal and company productivity. And create a first impression of quality and professionalism that lasts and lasts.

Graphics: the end to meetings that go nowhere

In a fascinating research project conducted by The University of Pennsylvania, 123 MBA candidates were involved in a study designed to test the effectiveness of business graphics in meeting situations. The results were startling. In the group where visual aids were used:

- **Meetings were shorter:** The study showed a 28% reduction in meeting length when transparencies were used.
- **Group consensus was faster:** Agreement was reached by 79% of the group using transparencies, compared with only 8% among the control group using no visual aids.
- **The decision process was accelerated:** 64% of study participants said they made their business decisions *immediately after the visual presentation*. When overheads were not used, the control group said they delayed decision-making until *some time after the group*

discussion following the presentation.

• Presenters with visual aids were perceived as being more professional, persuasive, credible and effective than those not using visual aids.

Now, with the new HP 7475A Business Professional's Plotter, your meetings can have immediate and productive results like these.

How the quality look of HP graphics can help

The way you present your information can be equally as important as the actual information you're presenting. And that's where the new HP 7475A Business Professional's Plotter lets your professionalism shine through.

Standards unsurpassed in the plotter business

The technical standards of the HP 7475A have no equal for producing quality graphics. With a resolution of one-thousandth-of-an-inch, curved lines are smooth, not jagged, and straight lines are consistently straight. Its exceptional repeatability (the ability of a pen to return *precisely* to a given point) assures that intersecting lines and circular shapes will meet *exactly*. The result is *high-quality* charts and graphs you'll be proud to present.

Why 6 pens when experts say 4 will do?

Graphics industry experts maintain that good graphics contain four colors per chart. But Hewlett-Packard goes the experts two better by providing a six-pen carousel, so you can store and use pens of different widths—thick pens for bold headings and thin pens for details. And with six pens, you won't have to waste valuable time changing them. That's important when "the boss wants to see your presentation in twenty minutes!"

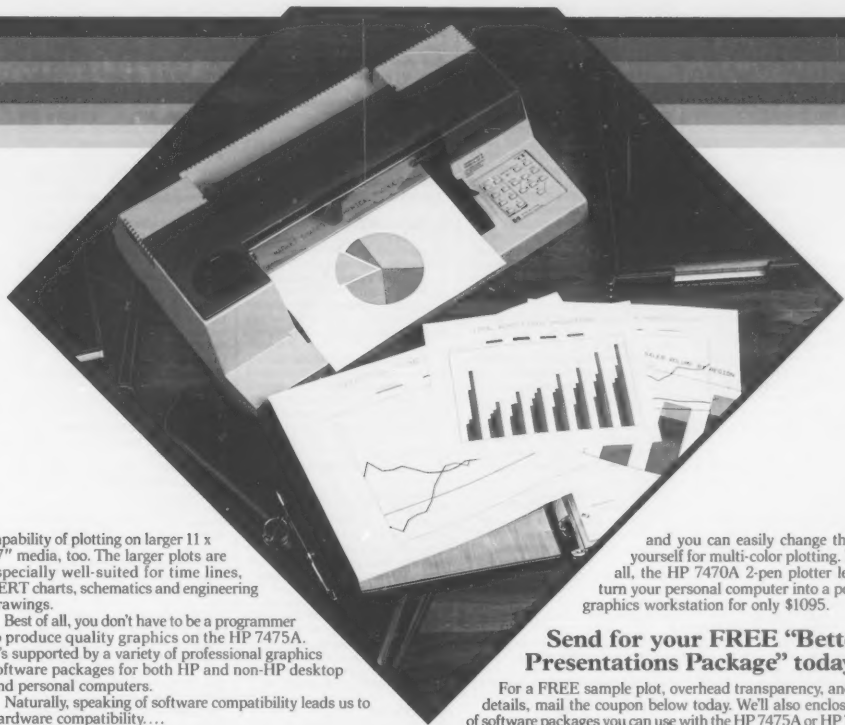
With the HP 7475A, you also get automatic pen capping to prevent pens from drying out between uses, and special "pen damping" (gently lowering the pen to the paper or transparency) to increase pen life and ensure better line quality... use after use after use. You also get a rainbow of 10 colors to choose from, in two line widths.



Your choice: 2 paper sizes and today's most popular graphics software packages

While most professional business applications will be satisfied with standard 8½ x 11" paper or transparencies, the HP 7475A adds the

s can be the key to your success.



capability of plotting on larger 11 x 17" media, too. The larger plots are especially well-suited for time lines, PERT charts, schematics and engineering drawings.

Best of all, you don't have to be a programmer to produce quality graphics on the HP 7475A. It's supported by a variety of professional graphics software packages for both HP and non-HP desktop and personal computers.

Naturally, speaking of software compatibility leads us to hardware compatibility...

Compatible with almost any personal computer in the marketplace today

With two interfaces available, the HP 7475A quickly "makes friends" with most models of today's most popular personal computers, including IBM[®] Apple[™] Compaq[™] Osborne[®] and Commodore[™] --as well as a host of HP computers.

The cost? Surprisingly affordable

The new HP 7475A Business Professional's Plotter is an amazingly affordable \$1895. When you consider that a typical fee for a single five-color transparency from a graphics service is \$50—and that the same transparency can be prepared for about \$1 in materials on the HP 7475A—the return on your investment is almost immediate.

Another choice: HP's low-cost, high performance Personal Computer Plotter

For the "business on a budget," you may also want a look at our 2-pen Personal Computer Plotter, the 7470A. Its low cost (only \$1095) is as remarkable as the quality of its plots. With many of the same features as the new HP 7475A, the HP 7470A plots on a single paper size (8½ x 11"). It stores and caps two pens,

and you can easily change the pens yourself for multi-color plotting. Best of all, the HP 7470A 2-pen plotter lets you turn your personal computer into a personal graphics workstation for only \$1095.

Send for your FREE "Better Presentations Package" today!

For a FREE sample plot, overhead transparency, and more details, mail the coupon below today. We'll also enclose a list of software packages you can use with the HP 7475A or HP 7470A.

For the name of your nearest Hewlett-Packard dealer call toll-free 800-547-3400.

1101303



**HEWLETT
PACKARD**

YES! I'm ready to gain a reputation for being more professional, persuasive, credible and effective than my competition. Please send me your FREE "Better Presentations Package," so I can learn more about the new HP 7475A Business Professional's Plotter and the HP 7470A Personal Computer Plotter. I understand I will receive this valuable package without cost or obligation.

Name _____ Title _____

Company _____

Address _____

City/State & Zip _____

Phone Number (____) _____

My computer is _____

Send to: Hewlett-Packard

16399 W. Bernardo Drive, San Diego, CA 92127
Attn: Marketing Communications 11303 CWO

Plotters

ALPHA MERICS CORP.

ALPHAPLOT I
Compatibility: HP 7580
Plotter Type: Flatbed
Plotting Method: Point plot
Accuracy: .005000 in.
Resolution: .001250 in.
Number and Types of Pens: 1;
Fiber-tip
Peak Pen Speed: 8 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 18 in. by 30 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$4,590
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: January 1983
(See Vendor Profile Page V-2)

ALPHA MERICS CORP.

ALPHAPLOT II
Plotter Type: Flatbed
Plotting Method: Point plot
Accuracy: .005000 in.
Resolution: .001250 in.
Number and Types of Pens: 1;
Fiber-tip
Peak Pen Speed: 8 in./sec
Output Medium: Film
Maximum Output Size: 24 in. by 34 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$5,590
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: January 1983

AMDEK

AMPLLOT-II
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .002000 in.
Repeatability: .008000 in.
Resolution: .000125 in.
Number and Types of Pens: 6;
Fiber or Ceramic/Plastic tip
Peak Pen Speed: 8 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 10 in. by 15 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
Price: \$1,299
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: April 1983
(See Vendor Profile Page V-2)

AMDEK

DIY-VIII
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .010000 in.
Repeatability: .008000 in.
Resolution: .000250 in.
Number and Types of Pens: 1;
Ballpoint, Liquid Ink, Fiber-tip
Peak Pen Speed: 3 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 10 in. by 14 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design

Data Transmission Characteristics: Ascii, Pure, Parallel
Price: \$749
Distribution Method: Third-party
Number Installed to Date: 400
Date First Installed: November 1982

AMF GEO SPACE CORP.

256400
Compatibility: DEC PDP-11/23, DEC VAX-11; Raytheon RDS 500
Plotter Type: Drum
Plotting Method: Analog, Raster
Accuracy: .010000 in.
Repeatability: .002500 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Photographic Paper
Maximum Output Size: 42 in. by 60 in.
Routines Supported: Graphing, Three-dimensional graphics, Mapping
Data Transmission Characteristics: Ascii
Price: \$60,000
Distribution Method: End user, OEM
Number Installed to Date: 80
Date First Installed: 1976
(See Vendor Profile Page V-2)

ARISTO GRAPHIC CORP.

ARISTOMAT 100 SE
Plotter Type: Flatbed
Plotting Method: Line Plot, Circular Interpolation
Accuracy: .001500 in.
Repeatability: .000400 in.
Resolution: .000200 in.
Number and Types of Pens: 1;
Ballpoint, Fiber-tip, Tangentially Controlled
Peak Pen Speed: 2.8 in./sec
Output Medium: Paper, Film, Mylar, Stripping Film
Maximum Output Size: 48 in. by 60 in.
Routines Supported: Graphing, Geometrics, Drafting, Repeat Patterns
Data Transmission Characteristics: Ascii, Ebcdic, EIA, Serial
Price: \$48 to \$70,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: December 1975
(See Vendor Profile Page V-4)

ARISTO GRAPHIC CORP.

ARISTOMAT 200
Plotting Method: Linear, Circular Interpolation
Repeatability: .001000 in.
Resolution: .000600 in.
Number and Types of Pens: 4;
Ballpoint, Fiber-tip, Tangentially Controlled
Peak Pen Speed: 15 in./sec
Output Medium: Paper, Film, Mylar, Stripping Film
Maximum Output Size: 48 in. by 60 in.
Routines Supported: Graphing, Geometrics, Drafting
Data Transmission Characteristics: Ascii, Ebcdic, Pure, Serial
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: 1973

ATARI, INC.

1020 COLOR PRINTER
Plotter Type: Drum
Plotting Method: Line plot

Number and Types of Pens: 4;
Fiber-tip
Peak Pen Speed: 1 in./sec
Output Medium: Paper
Maximum Output Size: 4 in.
Routines Supported: Graphing, Charts, Diagram
Data Transmission Characteristics: Ascii, Serial
Price: \$299
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: 1983
(See Vendor Profile Page V-4)

BENSON, INC.

1312/1313
Plotter Type: Drum
Plotting Method: Line plot
Number and Types of Pens: 3;
Ballpoint, Fiber-tip
Output Medium: Paper, Film, Mylar, Cotton Vellum
Maximum Output Size: 37 in. by 1.968 in.
Routines Supported: Interactive design, Line/Area drawing
Data Transmission Characteristics: Ascii, Ebcdic, Parallel, Serial
Distribution Method: End user
(See Vendor Profile Page V-5)

BENSON, INC.

1322/1323 PEN PLOTTER
Plotter Type: Drum
Plotting Method: Line plot
Accuracy: .002000 in.
Resolution: .000500 in.
Number and Types of Pens: 4;
Ballpoint, Fiber-tip
Peak Pen Speed: 8.4 in./sec
Output Medium: Paper, Film, Mylar, Cotton Vellum
Maximum Output Size: 37 in. by 1.968 in.
Routines Supported: Interactive design, Line/Area drawing
Data Transmission Characteristics: Ascii, Ebcdic, Parallel, Serial
Distribution Method: End user

BENSON, INC.

1332/1333 PEN PLOTTER
Plotter Type: Drum
Plotting Method: Line plot
Accuracy: .002000 in.
Resolution: .000500 in.
Output Medium: Paper, Film, Mylar, Cotton Vellum
Maximum Output Size: 37 in. by 1.968 in.

BENSON, INC.

1455
Plotter Type: Drum
Plotting Method: Line plot
Number and Types of Pens: 4;
Ballpoint, Fiber-tip
Output Medium: Paper, Film, Mylar, Cotton Vellum
Routines Supported: Interactive design, Line/Area
Data Transmission Characteristics: Ascii

BENSON, INC.

1565 RADIAL BED PEN PLOTTER
Plotter Type: Radial Bed
Plotting Method: Line plot
Accuracy: .004000 in.
Repeatability: .002000 in.
Resolution: .000005 in.
Number and Types of Pens: 4;
Ballpoint

Output Medium: Paper, Film, Mylar, Cotton Vellum
Routines Supported: Area/Line Drawing
Data Transmission Characteristics: Ascii, Parallel, Serial
Distribution Method: End user

BENSON, INC.

9211 ELECTROSTATIC
Plotter Type: Electrostatic
Plotting Method: Point plot
Output Medium: Paper, Film, Cotton Vellum
Routines Supported: Area Line Drawing
Data Transmission Characteristics: Ascii, Parallel, Serial
Distribution Method: OEM

BENSON, INC.

9215 ELECTROSTATIC PLOTTER
Plotting Method: Point plot
Output Medium: Paper, Film, Cotton Vellum
Routines Supported: Area/Line Drawing
Data Transmission Characteristics: Ascii, Parallel, Serial
Distribution Method: End user

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 84
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .002000 in.
Repeatability: .004000 in.
Resolution: .004000 in.
Number and Types of Pens: 8;
Fiber-tip
Peak Pen Speed: 17.7 in./sec
Output Medium: Paper, Film
Maximum Output Size: 9 in. by 11 in.
Routines Supported: Graphing
Price: \$1,995
Date First Installed: March 1983
(See Vendor Profile Page V-5)

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 748
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .004000 in.
Repeatability: .002000 in.
Resolution: .000200 in.
Number and Types of Pens: 4;
Fiber-tip, Liquid Ball
Peak Pen Speed: 42 in./sec
Output Medium: Mylar, Vellum; Translucent
Maximum Output Size: 50 in. by 82 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$77,980
Date First Installed: December 1972

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 945
Plotter Type: Belted
Plotting Method: Line plot
Accuracy: .010000 in.
Repeatability: .005000 in.
Resolution: .000490 in.
Number and Types of Pens: 4;
Ballpoint, Fiber-tip, Liquid Ball
Peak Pen Speed: 42 in./sec

Plotters

Output Medium: Paper, Film, Mylar, Translucent Vellum
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Price: \$15,790
 Distribution Method: End user
 Date First Installed: December 1982

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 968
 Plotter Type: Belted
 Plotting Method: Line plot
 Accuracy: .010000 in.
 Repeatability: .005000 in.
 Resolution: .000490 in.
 Number and Types of Pens: 4;
 Ballpoint, Fiber-tip, Liquid Ball
 Peak Pen Speed: 42 in./sec
 Output Medium: Paper, Mylar, Translucent Vellum
 Maximum Output Size: 34 in. by 60 in.
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Price: \$20,500
 Distribution Method: End user
 Date First Installed: December 1982

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 970
 Plotter Type: Belted
 Plotting Method: Line plot
 Accuracy: .010000 in.
 Repeatability: .005000 in.
 Resolution: .000490 in.
 Peak Pen Speed: 42 in./sec
 Output Medium: Paper, Mylar, Translucent Vellum
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Price: \$39,610
 Date First Installed: February 1980

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 1012
 Plotter Type: Drum
 Plotting Method: Line plot
 Resolution: .002000 in.
 Number and Types of Pens: 4;
 Ballpoint, Fiber-tip, Liquid Ball
 Peak Pen Speed: 14.1 in./sec
 Output Medium: Paper, Film, Translucent Vellum
 Maximum Output Size: 11 in. by 2.125 in.
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Price: \$8,405
 Distribution Method: End user
 Date First Installed: October 1978

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 1037
 Plotter Type: Drum
 Plotting Method: Line plot

Resolution: .002000 in.
 Number and Types of Pens: 1;
 Ballpoint, Fiber-tip, Liquid Ball
 Peak Pen Speed: 2.8 in./sec
 Output Medium: Mylar, Translucent Vellum
 Maximum Output Size: 34 in.
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Date First Installed: September 1977

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 1038
 Plotter Type: Drum
 Plotting Method: Line plot
 Resolution: .002000 in.
 Number and Types of Pens: 1;
 Ballpoint, Fiber-tip, Liquid Ball
 Peak Pen Speed: 6.3 in./sec
 Output Medium: Paper, Mylar, Translucent Vellum
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Distribution Method: End user
 Date First Installed: September 1977

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 1039
 Plotter Type: Drum
 Plotting Method: Line plot
 Resolution: .002000 in.
 Number and Types of Pens: 3;
 Ballpoint, Fiber-tip, Liquid Ball
 Peak Pen Speed: 5.3 in./sec
 Output Medium: Paper, Mylar, Translucent Vellum
 Maximum Output Size: 34 in.
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Date First Installed: July 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 1051
 Plotter Type: Drum
 Plotting Method: Line plot
 Resolution: .001000 in.
 Number and Types of Pens: 4;
 Ballpoint, Fiber-tip
 Peak Pen Speed: 14.1 in./sec
 Output Medium: Paper, Mylar, Translucent Vellum
 Maximum Output Size: 34 in.
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Price: \$18,240
 Date First Installed: September 1977

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 1055
 Plotter Type: Drum
 Plotting Method: Line plot
 Accuracy: .004000 in.

Resolution: .000500 in.
 Number and Types of Pens: 4;
 Ballpoint, Fiber-tip, Liquid Ball
 Peak Pen Speed: 42.4 in./sec
 Output Medium: Paper, Film, Mylar, Translucent Vellum
 Maximum Output Size: 34 in.
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping
 Price: \$25,250
 Distribution Method: End user
 Date First Installed: March 1978

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 1060
 Plotter Type: Drum
 Plotting Method: Line plot
 Resolution: .000500 in.
 Number and Types of Pens: 4;
 Ballpoint, Fiber-tip
 Peak Pen Speed: 42.4 in./sec
 Output Medium: Paper, Mylar, Translucent Vellum
 Maximum Output Size: 52 in.
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel
 Price: \$34,990
 Distribution Method: End user
 Date First Installed: January 1981

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 5000/5005
 Plotter Type: Electrostatic
 Plotting Method: Point plot
 Output Medium: Paper, Film, Translucent
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel
 Price: \$9,640
 Distribution Method: End user
 Date First Installed: October 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 5100/5105
 Plotter Type: Electrostatic
 Plotting Method: Point plot
 Output Medium: Film, Mylar, Translucent
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Price: \$19,790
 Distribution Method: End user
 Date First Installed: October 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 5200
 Plotter Type: Electrostatic
 Output Medium: Paper, Film, Translucent Vellum
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Price: \$10,640
 Distribution Method: End user
 Date First Installed: October 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 5300
 Plotter Type: Electrostatic
 Plotting Method: Point plot
 Output Medium: Paper, Mylar, Translucent Vellum
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Price: \$23,790
 Distribution Method: End user
 Date First Installed: October 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 5500
 Plotter Type: Electrostatic
 Plotting Method: Point plot
 Output Medium: Paper, Film, Translucent Vellum
 Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
 Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
 Distribution Method: End user
 Date First Installed: May 1981

COMPUTER TALK, INC.

506 FLATBED PLOTTER
 Compatibility: RS-232
 Plotter Type: Flatbed
 Plotting Method: Line plot
 Plotting Method: Curve
 Accuracy: .005000 in.
 Repeatability: .000500 in.
 Resolution: .000500 in.
 Number and Types of Pens: 4;
 Ballpoint, Fiber-tip
 Peak Pen Speed: 50 in./sec
 Output Medium: Paper, Film, Mylar, Photographic Film
 Maximum Output Size: 52 in. by 60 in.
 Routines Supported: Geometrics, Drafting, Mapping, Interactive design, Film, Cutting
 Data Transmission Characteristics: Ascii, Ebodic, Pure, BCD, Serial
 Price: \$42,500
 Distribution Method: End user
 Number Installed to Date: 2
 Date First Installed: June 1982
 (See Vendor Profile Page V-8)

COMPUTER TALK, INC.

520 SINGLE PEN FLATBED PLOTTERS
 Compatibility: RS-232
 Plotter Type: Flatbed
 Plotting Method: Line plot
 Plotting Method: Curve
 Accuracy: .015000 in.
 Repeatability: .006000 in.
 Resolution: .005000 in.
 Number and Types of Pens: 1;
 Ballpoint, Fiber-tip
 Peak Pen Speed: 10 in./sec
 Output Medium: Paper, Film, Mylar
 Data Transmission Characteristics: Ascii, Ebodic, Pure, BCD, Serial
 Price: \$12,200
 Distribution Method: End user
 Number Installed to Date: 7
 Date First Installed: May 1981

DATA DESIGN LOGIC SYSTEMS, INC.

MODEL 2200
 Plotter Type: Drum

Plotters

Plotting Method: Point plot
Accuracy: .000500 in.
Repeatability: .000500 in.
Resolution: .000156 in.
Number and Types of Pens: 4;
 Ballpoint, Fiber-tip
Peak Pen Speed: 14.5 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 26 in.
Routines Supported: 64 Commands
Data Transmission Characteristics:
 Ascii, Serial
Price: \$11,500
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: 1979
(See Vendor Profile Page V-10)

DATA DESIGN LOGIC SYSTEMS, INC.

MODEL 3200
Plotter Type: Flatbed
Plotting Method: Point plot
Accuracy: .001000 in.
Repeatability: .001000 in.
Resolution: .001000 in.
Number and Types of Pens: 1;
 Ballpoint, Fiber-tip
Peak Pen Speed: 8.5 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 25 in. by 37 in.
Routines Supported: 64 Commands
Data Transmission Characteristics:
 Ascii, Serial
Price: \$9,500
Distribution Method: End user, OEM
Date First Installed: March 1983

DATA DESIGN LOGIC SYSTEMS, INC.

MODEL 3400
Plotter Type: Drum
Plotting Method: Point plot
Accuracy: .005000 in.
Repeatability: .000500 in.
Resolution: .000156 in.
Number and Types of Pens: 4;
 Ballpoint, Fiber-tip
Peak Pen Speed: 14.5 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 37 in.
Routines Supported: Three-dimensional graphics, Interactive design
Data Transmission Characteristics:
 Ascii, Serial
Price: \$14,500
Distribution Method: End user, OEM
Date First Installed: 1979

DATA TECHNOLOGY, INC.

DT 3454
Compatibility: RS-232
Plotter Type: Flatbed
Plotting Method: Arch
Accuracy: .004000 in.
Repeatability: .002500 in.
Resolution: .002500 in.
Number and Types of Pens: 2;
 Ballpoint, Fiber-tip, Scribing
Peak Pen Speed: 6 in./sec
Output Medium: Paper, Mylar, Vellum
Maximum Output Size: 34 in. by 54 in.
Routines Supported: Graphing, Geometrics, Drafting, Mapping
Data Transmission Characteristics:
 Ascii, Pure, Serial
Price: \$25,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000

Date First Installed: June 1974
(See Vendor Profile Page V-11)

DATA TECHNOLOGY, INC.

DT 4060
Plotter Type: Flatbed
Plotting Method: Arch
Accuracy: .004000 in.
Repeatability: .002500 in.
Resolution: .002500 in.
Number and Types of Pens: 2;
 Fiber-tip, Scribing
Peak Pen Speed: 16 in./sec
Output Medium: Paper, Mylar, Vellum
Maximum Output Size: 40 in. by 60 in.
Routines Supported: Graphing, Geometrics, Drafting, Mapping
Data Transmission Characteristics:
 Ascii, Pure, Serial
Price: \$27,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: June 1978
(See Vendor Profile Page V-11)

DIGITAL EQUIPMENT CORP.

CORRESPONDENT LA12
Plotter Type: Plateau
Plotting Method: Bit-Map
Output Medium: Paper
Maximum Output Size: 11 in.
Routines Supported: Graphing, Geometrics, Mapping
Data Transmission Characteristics:
 Ascii, BCD, Parallel, Serial
Price: \$1,995
Distribution Method: End user
Date First Installed: June 1982
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.

DECWRITER IV LA34-VA
Plotter Type: Plateau
Plotting Method: Bit-Map
Output Medium: Paper
Maximum Output Size: 14 in.
Routines Supported: Graphing, Geometrics, Mapping
Data Transmission Characteristics:
 Ascii, Pure, Serial
Price: \$1,550
Distribution Method: End user, OEM
Date First Installed: July 1981

DIGITAL EQUIPMENT CORP.

LETTERPRINTER 100 LA100
Plotter Type: Plateau
Plotting Method: Bit-Map
Output Medium: Paper
Maximum Output Size: 14 in.
Routines Supported: Graphing, Geometrics, Mapping
Data Transmission Characteristics:
 Ascii, BCD, Parallel, Serial
Price: \$2,500
Distribution Method: End user
Date First Installed: December 1981

ENTER COMPUTER, INC.

SWEET-P 100
Plotter Type: Paper Mover
Plotting Method: Line plot
Accuracy: .004000 in.
Repeatability: .004000 in.
Resolution: .004000 in.
Number and Types of Pens: 4
Peak Pen Speed: 6 in./sec
Output Medium: Paper, Mylar
Maximum Output Size: 9 in. by 120 in.
Routines Supported: Text
Data Transmission Characteristics:
 Ascii, Pure, Parallel

Price: \$795

Date First Installed: January 1983
(See Vendor Profile Page V-14)

EPSCO, INC.

EPSC01
Compatibility: NMEA Standard
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .005000 in.
Repeatability: .002000 in.
Resolution: .002000 in.
Peak Pen Speed: 8 in./sec
Output Medium: Paper
Maximum Output Size: 44 in. by 36 in.
Routines Supported: Mapping
Data Transmission Characteristics:
 Ascii, BCD, Serial
Price: \$5,000
Distribution Method: Third-party
Number Installed to Date: 100 - 500
(See Vendor Profile Page V-14)

GERBER CAMSCO, INC.

MP-5
Compatibility: Gerber AM-5
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .030000 in.
Resolution: .030000 in.
Number and Types of Pens: 1,
 Ballpoint
Peak Pen Speed: 30 in./sec
Output Medium: Paper
Maximum Output Size: 70 in.
Data Transmission Characteristics:
 Ascii
Distribution Method: End user
Number Installed to Date: 150
Date First Installed: 1982
(See Vendor Profile Page V-16)

GERBER SCIENTIFIC INSTRUMENT CO.

MODEL 32
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .000800 in.
Repeatability: .000400 in.
Resolution: .000100 in.
Number and Types of Pens: 6,
 Photo-head
Peak Pen Speed: Over 3 in./sec
Output Medium: Paper, Film, Mylar,
 Photostatic Film
Maximum Output Size: 48 in. by 60 in.
Routines Supported: Mapping, PCB Artworks
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1962
(See Vendor Profile Page V-16)

GERBER SCIENTIFIC INSTRUMENT CO.

MODEL 33
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .000500 in.
Repeatability: .000150 in.
Resolution: .000100 in.
Number and Types of Pens: 5,
 Photo-head
Peak Pen Speed: Over 3 in./sec
Output Medium: Paper, Film, Mylar,
 Photo Film, Glass plates
Maximum Output Size: 25 in. by 30 in.
Routines Supported: Photo, Plotter
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: 1969

GERBER SCIENTIFIC INSTRUMENT CO.

MODEL 34
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .000020 in.
Repeatability: .000010 in.
Resolution: .000005 in.
Output Medium: Photo Film, Glass Plates
Maximum Output Size: 18 in. by 22 in.
Routines Supported: Manufacturing, TV Masking
Data Transmission Characteristics:
 Extended Binary, Serial
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1975

GERBER SCIENTIFIC INSTRUMENT CO.

MODEL 35
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .000200 in.
Repeatability: .000100 in.
Resolution: .000050 in.
Peak Pen Speed: 5 in./sec
Output Medium: Photo Film, Glass Plates
Maximum Output Size: 32 in. by 40 in.
Routines Supported: PCB Master
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: February 1983

GERBER SCIENTIFIC INSTRUMENT CO.

MODEL 41
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .001000 in.
Repeatability: .000500 in.
Resolution: .000500 in.
Number and Types of Pens: 1;
 Ballpoint, Photo-head
Output Medium: Paper, Film, Mylar,
 Photo Film, Glass Plates
Maximum Output Size: 16 in. by 20 in.
Routines Supported: PCB Artwork Master
Distribution Method: End user, OEM
Date First Installed: 1969

GERBER SCIENTIFIC INSTRUMENT CO.

MODEL 42
Plotter Type: Hybrid
Plotting Method: Line plot
Accuracy: .004000 in.
Repeatability: .002000 in.
Resolution: .000500 in.
Number and Types of Pens: 4;
 Ballpoint, Photo-head, Pencil-head
Peak Pen Speed: 30 in./sec
Output Medium: Paper, Film, Mylar,
 Photo Film
Maximum Output Size: 37 in. by 48 in.
Routines Supported: Drafting, Mapping, Graphic Arts, PCB
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1975

GERBER SCIENTIFIC INSTRUMENT CO.

MODEL 43
Plotter Type: Hybrid

Plotters

Plotting Method: Line plot
Accuracy: .005000 in.
Repeatability: .003000 in.
Resolution: .000500 in.
Number and Types of Pens: 4;
 Photo-head, Pencil-head
Output Medium: Paper, Film,
 Photographic Films
Maximum Output Size: 48 in. by 88
 in.
Distribution Method: End user
Number Installed to Date: Under
 100
Date First Installed: 1960

GERBER SCIENTIFIC INSTRUMENT CO. MODEL 75

Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .004000 in.
Repeatability: .002000 in.
Resolution: .000500 in.
Peak Pen Speed: 12 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 96 in. by 288
 in.
Routines Supported: Auto and
 Aerospace
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1974

GERBER SCIENTIFIC INSTRUMENT CO. MODEL 77

Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .005000 in.
Repeatability: .002000 in.
Resolution: .000500 in.
Number and Types of Pens: 4;
 Ballpoint, Pencil-head, Photo-head
Peak Pen Speed: 47 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 72 in. by 288
 in.
Routines Supported: Marine
 Engineering
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1974

HEWLETT-PACKARD CO. HP 7470A GRAPHICS PLOTTER

Compatibility: HP, IBM Personal
 Computer, Apple
Plotter Type: Moving Paper
Plotting Method: Line plot
Repeatability: .004000 in.
Resolution: .001000 in.
Number and Types of Pens: 2;
 Fiber-tip, Transparency
Peak Pen Speed: 15 in./sec
Output Medium: Paper, Film
Routines Supported: Graphing,
 Geometrics, Drafting, Mapping,
 Interactive design
Data Transmission Characteristics:
 Ascii, Parallel, Serial, HP-IL
Price: \$1,575
Distribution Method: End user,
 Third-party
Date First Installed: February 1982
 (See Vendor Profile Page V-17)

HEWLETT-PACKARD CO. HP 7580B

Compatibility: HP, DEC, IBM
Plotter Type: Moving Paper
Plotting Method: Line plot
Accuracy: .009800 in.
Repeatability: .002000 in.
Resolution: .000984 in.
Number and Types of Pens: 8;

Ballpoint, Fiber-tip
Peak Pen Speed: 24 in./sec
Output Medium: Paper, Film, Mylar,
 Vellum
Maximum Output Size: 25 in. by 49
 in.
Routines Supported: Graphing,
 Drafting, Three-dimensional
 graphics, Mapping, Interactive
 design
Data Transmission Characteristics:
 Ascii, Parallel, Serial
Price: \$16,100
Distribution Method: End user
Date First Installed: March 1981

HEWLETT-PACKARD CO. HP 7585B

Compatibility: HP, DEC, IBM
Plotter Type: Moving Paper
Plotting Method: Line plot
Accuracy: .009800 in.
Repeatability: .002000 in.
Resolution: .000984 in.
Number and Types of Pens: 8;
 Ballpoint, Fiber-tip
Peak Pen Speed: 24 in./sec
Output Medium: Paper, Film, Mylar,
 Vellum
Maximum Output Size: 37 in. by 49
 in.
Routines Supported: Graphing,
 Geometrics, Drafting, Mapping,
 Interactive design
Data Transmission Characteristics:
 Ascii, Parallel, Serial
Price: \$22,900
Distribution Method: End user, OEM
Date First Installed: July 1982

HOUSTON INSTRUMENTS COMPTON PLOTTER CPS-19

Plotter Type: Drum
Plotting Method: Line plot
Accuracy: .001000 in.
Repeatability: .002000 in.
Resolution: .001000 in.
Number and Types of Pens: 4;
 Ballpoint, Fiber-tip
Peak Pen Speed: 15 in./sec
Maximum Output Size: 35 in. by 150
 in.
Routines Supported: Graphing,
 Geometrics, Drafting, Mapping
Data Transmission Characteristics:
 Ascii, BCD, Serial
Price: \$13,950
Distribution Method: End user, OEM
Date First Installed: June 1982
 (See Vendor Profile Page V-17)

HOUSTON INSTRUMENTS COMPTON PLOTTER CPS-20

Plotter Type: Drum
Plotting Method: Line plot
Resolution: .005000 in.
Peak Pen Speed: 3 in./sec
Output Medium: Paper, Mylar,
 Vellum
Maximum Output Size: 11 in.
Routines Supported: Graphing
Data Transmission Characteristics:
 Ascii, BCD, Parallel, Serial,
 Incremental Parallel
Price: \$3,995 to \$4,595
Distribution Method: End user, OEM
Date First Installed: June 1981

HOUSTON INSTRUMENTS COMPTON PLOTTER CPS-30

Plotter Type: Drum
Plotting Method: Line plot
Resolution: .005000 in.
Number and Types of Pens: 1;
 Fiber-tip

Peak Pen Speed: 2 in./sec
Output Medium: Paper, Mylar,
 Vellum
Maximum Output Size: 22 in.
Routines Supported: Graphing
Data Transmission Characteristics:
 Ascii, BCD, Parallel, Serial,
 Incremental Parallel
Price: \$5,995
Distribution Method: End user, OEM
Date First Installed: July 1981

HOUSTON INSTRUMENTS HILOT PLOTTER DMP-29

Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .008000 in.
Repeatability: .004000 in.
Resolution: .001000 in.
Number and Types of Pens: 8
Peak Pen Speed: 22.5 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 11 in. by 17
 in.
Routines Supported: Graphing,
 Geometrics, Drafting, Mapping,
 Interactive design
Data Transmission Characteristics:
 Ascii, BCD, Parallel, Serial, GPIB
Price: \$2,295
Distribution Method: OEM, Third-
 party
Date First Installed: September
 1982

HOUSTON INSTRUMENTS HILOT PLOTTER DMP-40

Plotter Type: Drum
Plotting Method: Line plot
Repeatability: .005000 in.
Resolution: .005000 in.
Number and Types of Pens: 1
Peak Pen Speed: 4.2 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 11 in. by 17
 in.
Routines Supported: Graphing,
 Geometrics, Drafting, Mapping,
 Interactive design
Data Transmission Characteristics:
 Ascii, BCD, Parallel, Serial, GPIB
Price: \$995
Distribution Method: Third-party
Date First Installed: November 1982

HOUSTON INSTRUMENTS HILOT PLOTTER DMP-41/42

Plotter Type: Drum
Plotting Method: Line plot
Repeatability: .005000 in.
Resolution: .005000 in.
Number and Types of Pens: 1
Peak Pen Speed: 4.2 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 24 in. by 36
 in.
Routines Supported: Graphing,
 Geometrics, Drafting, Mapping,
 Interactive design
Data Transmission Characteristics:
 Ascii, BCD, Parallel, Serial, GPIB
Price: \$2,995
Distribution Method: Third-party
Date First Installed: January 1983

IMAGE GRAPHICS, INC. CRT 2000

Compatibility: DEC PDP-11 Series
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .000100 in.
Repeatability: .005000 in.
Resolution: .001000 in.
Number and Types of Pens: 32,
 Light

Output Medium: Film
Maximum Output Size: 48 in. by 60
 in.
Routines Supported: Mapping
Data Transmission Characteristics:
 Ascii, Ebcidic, Parallel
Price: \$450,000
Distribution Method: End user
Number Installed to Date: Under
 100
Date First Installed: May 1978
 (See Vendor Profile Page V-18)

IMAGE GRAPHICS, INC. EBR 2000

Compatibility: DEC PDP-11 Series;
 PE 3200 Series
Plotter Type: Microfilm
Plotting Method: Electron Beam
Accuracy: .010000 in.
Repeatability: .003000 in.
Resolution: .000100 in.
Number and Types of Pens: 250;
 Electron Beam
Output Medium: Film
Maximum Output Size: 9 in. by 11
 in.
Routines Supported: Drafting,
 Mapping, Geophysical Imaging
Data Transmission Characteristics:
 Ascii, Ebcidic, Pure, Parallel
Price: \$350,000
Distribution Method: End user
Number Installed to Date: Under
 100
Date First Installed: February 1977

IMAGE RESOURCE, INC. VIDEO PRINT MODEL 5000

Plotter Type: Photographic
Plotting Method: Raster
Accuracy: .001500 in.
Output Medium: Film
Routines Supported: Terminal
 Dependent
Data Transmission Characteristics:
 Ascii, RGB Video, Video Interface
Price: \$6,000
Distribution Method: End user,
 OEM, Third-party
Number Installed to Date: 500 -
 1,000
Date First Installed: January 1980
 (See Vendor Profile Page V-18)

INTERNATIONAL ANTEK, INC. HIGH SPEED PLOTTER

Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .001000 in.
Repeatability: .005000 in.
Resolution: .001000 in.
Number and Types of Pens: 3;
 Ballpoint, Fiber-tip
Peak Pen Speed: 20 in./sec
Output Medium: Paper, Mylar
Maximum Output Size: 11 in.
Price: \$1,000
Distribution Method: End user,
 OEM, Third-party
Date First Installed: September
 1983
 (See Vendor Profile Page V-20)

KONGSBERG NORTH AMERICA, INC. KONGSBERG I

Compatibility: DEC VAX-11/780,
 VAX-11/750
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .001000 in.
Repeatability: .000100 in.
Resolution: .008000 in.
Number and Types of Pens: 4;

If you have a Personal Computer PCI speaks your language.

The PCI 1076 protocol converter from Protocol Computers, Inc. can support your Personal Computer - Apple, Cannon, DEC, Hewlett Packard, IBM-PC, Kaypro, NEC, Osborne, Sanyo, Sony, Tandy/Radio Shack, MOD, Xerox, etc., etc., etc. - in IBM's SNA/SDLC world.

Simply, conveniently, economically, the PCI 1076 makes IBM SNA hosts talk to your Personal Computer in its own language. It converts the Personal Computer's ASCII code to appear as the SNA/SDLC protocol used by IBM hosts, and vice versa. But before showing you how we support Personal Computers in IBM's world, here's how to support your own Personal Computer vocabulary:

GLOSSARY:

ASCII (American Standard Code for Information Interchange) The language spoken by most Personal Computers.

ASYNCHRONOUS Low speed, low cost modems used with most Personal Computers.

BSC Some Personal Computers support, via existing programs, the BSC (Bisync) protocol. See PCI 71B/SNA for SNA-compatibility.

CoaxFACE™ Exclusive PCI converter allows you to drive Personal Computer using standard coax cable, without re-cabling with RS-232C.

FULL SCREEN The ability to modify an entire CRT screen of data without interruption of host.

MODEMS Provide terminal/CPU digital interface into an analog signal for the phone lines.



r and want to talk to IBM,

PaperCRT™ ASCII hard copy keyboard terminals have all the versatility of 3278 CRTs with this PCI option.

PCI (Protocol Computers, Inc.). We're making the non-IBM world IBM-compatible.

SDLC (Synchronous Data Link Control). Expeditor for moving data in IBM systems.

SNA (System Network Architecture). Network for moving data in IBM systems.

SNA/SDLC Non-compatible with Personal Computers' ASCII language (without PCI).

SYNCHRONOUS High speed, high cost communications device for communications with host computers.

PCI 71B/SNA When using Bisync running on the Personal Computer, PCI 71B/SNA protocol converter makes it SNA-compatible.

PCI 78 Networker™ Keystroke for keystroke 3278 keyboard compatible terminal.

PCI 1076 Makes Personal Computers function as 3278s.

3274/76 IBM controllers which support 3278, 3287 devices in an SNA/SDLC network.

3278/3287 IBM's CRT; IBM's printer.

HOW PCI SPEAKS THEIR LANGUAGE.

The PCI 1076 facilitates communication to and from the Personal Computer with absolutely no change in host application programs. When you use your Personal Computer's display and keyboard, they appear and function as 3278s.

If you need printed reports, PCI's exclusive "Dynamic Printer Assignment" feature addresses the Personal Computer's printer as if it were a 3287 over a single communi-

cation line. And, the PCI 1076 allows the Personal Computer's diskette to store data from, and send information to the host system.

PERSONAL CONNECTIONS.

The PCI 1076 gives you tremendous flexibility for those locations with PCs.

- Make a direct connection using standard RS-232C cable.

- You can connect-up with existing coax cable, eliminating the need to re-cable with RS-232C. Using coax from 5 to 5,000 feet, the Personal Computer may be installed at the remote end, the PCI 1076 in place of 3274/76s – and the RS-232C conversion is provided by PCI's CoaxFACE™.

- You can connect to existing 2-wire twisted pair cables installing the Personal Computer at the end of a point-to-point link with the use of our asynchronous line devices.

- Or, you can take your Personal Computer home, on the road, wherever. To make an asynchronous ASCII dial-in connection, simply use low cost modems and acoustic couplers.

PCI OPENS YOUR OPTIONS.

The PCI 1076 has a graphics terminal interface that lets you use ASCII graphics terminals on your SNA/SDLC network as 3278s. With our PaperCRT™, ASCII hard copy keyboard terminals have all the flexibility of 3278s, including capability to full screen edit on paper with portable hard copy terminals from anywhere in the world – just pick up the phone.

If you'd like to hear more, our PCI 1076 speaks for itself. Call PCI today for a demonstration unit.

ALSO AVAILABLE:

1067: SNA/SDLC to ASCII 3767 emulation. The NTO alternative.

1051: ASCII to Sys 34/36/38 5250 emulation.

71B/SNA: BSC 3271 to SNA/SDLC 3274 emulation.

75B/SNA: BSC 3275 to SNA/SDLC 3276 emulation.

1071: ASCII to BSC 3270 emulation.

73SX: SNA/SDLC through X.25 connection interface.

1076X: ASCII to 3270 SNA/SDLC through X.25 networks. (With PAD included.)

Videotex 67: SNA/SDLC to Videotex protocol conversion.

PCI 51 Networker: Keystroke for keystroke 5251 keyboard compatible ASCII CRT.

PCI 7887 Plus: IBM-PC software package for 3270 emulation.

PCI 5156 Plus: IBM-PC software package for Sys 34/36/38 emulation.

Send more information on:

- ☐ The PCI 1076 Protocol Converter
- ☐ The PCI 78 Networker Terminal
- ☐ The PCI Personal Computer Support book
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Making the non-IBM world IBM compatible.

Plotters

Balpoint, Fiber-tip, Scribing Tools
Peak Pen Speed: 40 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 72 in. by 300 in.
Routines Supported: Graphing, Drafting, Scribing
Data Transmission Characteristics: Ascii, Pure, Parallel
Price: \$150,000 to \$300,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1963
(See Vendor Profile Page V-21)

KONIGSBERG NORTH AMERICA, INC.
KONIGSBERG II
Compatibility: DEC VAX-11/780, VAX-11/750
Plotting Method: Line plot
Accuracy: .001000 in.
Repeatability: .001000 in.
Resolution: .008000 in.
Number and Types of Pens: 4; Ballpoint, Fiber-tip, Scribing Tools
Peak Pen Speed: 40 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 63 in. by 47 in.
Routines Supported: Graphing, Drafting, Scribing
Data Transmission Characteristics: Ascii, Pure, Parallel
Price: \$150,000 to \$300,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1963

MANNESMANN TALLY CORP.
PIXY 3
Compatibility: IBM; Apple
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .003000 in.
Repeatability: .012000 in.
Resolution: .004000 in.
Number and Types of Pens: 3; Fiber-tip, Ceramic
Peak Pen Speed: 8 in./sec
Output Medium: Paper, Mylar
Maximum Output Size: 9 in. by 11 in.
Routines Supported: Graphing, Geometrics, Interactive design
Data Transmission Characteristics: Ascii, Pure, Parallel
Price: \$795
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: April 1983
(See Vendor Profile Page V-22)

MEGATEK CORP.
HCU-V
Compatibility: Megatek 7200, 7600, 6200 Series
Plotter Type: Electrostatic
Accuracy: .010000 in.
Repeatability: .005000 in.
Resolution: .013000 in.
Output Medium: Paper
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
Data Transmission Characteristics: Binary, Parallel
Distribution Method: End user
Date First Installed: 1980
(See Vendor Profile Page V-23)

MILTOPE CORP.
TP 3000
Plotter Type: Drum
Plotting Method: Point plot
Resolution: .005000 in.
Output Medium: Paper
Maximum Output Size: 8 in.
Routines Supported: Graphing
Data Transmission Characteristics: Ascii, Parallel, Serial
Price: \$15,600
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: 1983
(See Vendor Profile Page V-24)

NICOLET ZETA CORP.
5400
Compatibility: RS-232
Plotter Type: Drum
Accuracy: .001000 in.
Repeatability: .001000 in.
Resolution: .000500 in.
Number and Types of Pens: 4; Ballpoint, Fiber-tip, Liquid Roller
Peak Pen Speed: 50 in./sec
Output Medium: Paper, Film, Mylar, Vellum, Kromecote
Maximum Output Size: 54 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
Data Transmission Characteristics: Ascii, Ebodic, Pure, Parallel, Serial
Price: \$32,900
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-26)

NICOLET ZETA CORP.
ZETA 8
Compatibility: RS-232, IEEE
Plotter Type: Drum
Plotting Method: Line plot
Accuracy: .002000 in.
Repeatability: .002000 in.
Resolution: .001000 in.
Number and Types of Pens: 8; Ballpoint, Fiber-tip, Liquid Roller
Peak Pen Speed: 20 in./sec
Output Medium: Paper, Film, Mylar, Vellum, Kromecote
Maximum Output Size: 11 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
Data Transmission Characteristics: Ascii, Ebodic, Pure, Parallel
Price: \$5,950
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1982

NICOLET ZETA CORP.
ZETA 822
Compatibility: RS-232
Plotter Type: Drum
Plotting Method: Line plot
Accuracy: .002000 in.
Repeatability: .002000 in.
Resolution: .001000 in.
Number and Types of Pens: 8; Ballpoint, Fiber-tip, Liquid Roller
Peak Pen Speed: 25 in./sec
Output Medium: Paper, Film, Mylar, Vellum, Kromecote
Maximum Output Size: 24 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design

Data Transmission Characteristics: Ascii, Ebodic, Pure, Parallel, Serial
Price: \$12,900
Distribution Method: End user
Date First Installed: 1983

NICOLET ZETA CORP.
ZETA 887
Compatibility: RS-232, 3274/3276
Plotter Type: Drum
Plotting Method: Line plot
Accuracy: .002000 in.
Repeatability: .002000 in.
Resolution: .001000 in.
Number and Types of Pens: 8; Ballpoint, Fiber-tip, Liquid Roller
Peak Pen Speed: 20 in./sec
Output Medium: Paper, Film, Mylar, Vellum, Kromecote
Maximum Output Size: 12 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
Price: \$7,950
Distribution Method: End user
Date First Installed: 1983

NICOLET ZETA CORP.
ZETA 3610
Compatibility: RS-232
Plotter Type: Drum
Plotting Method: Line plot
Accuracy: .002000 in.
Repeatability: .002000 in.
Resolution: .001000 in.
Number and Types of Pens: 4; Ballpoint, Fiber-tip, Liquid Roller
Peak Pen Speed: 28 in./sec
Output Medium: Paper, Film, Mylar, Vellum, Kromecote
Maximum Output Size: 36 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Interactive design
Data Transmission Characteristics: Ascii, Ebodic
Price: \$25,900
Distribution Method: End user
Date First Installed: 1981

NICOLET ZETA CORP.
ZETA 3620
Compatibility: RS-232
Plotter Type: Drum
Accuracy: .001000 in.
Repeatability: .000500 in.
Resolution: .000500 in.
Number and Types of Pens: 4; Ballpoint, Fiber-tip, Liquid Roller
Peak Pen Speed: 50 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 36 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
Data Transmission Characteristics: Ascii, Ebodic, Pure, Parallel, Serial
Price: \$32,900
Distribution Method: End user
Date First Installed: 1981

NICOLET ZETA CORP.
ZETA 3653SX
Compatibility: RS-232
Plotter Type: Drum
Plotting Method: Line plot
Accuracy: .002000 in.
Repeatability: .002000 in.
Resolution: .001000 in.
Number and Types of Pens: 4;

Balpoint, Fiber-tip, Liquid Roller
Peak Pen Speed: 21 in./sec
Output Medium: Paper, Film, Mylar, Vellum, Kromecote
Maximum Output Size: 36 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping, Interactive design
Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
Price: \$19,900
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1980

NUMONICS
5412
Compatibility: RS-232
Plotter Type: Gridwheel
Plotting Method: Line plot
Accuracy: .025000 in.
Repeatability: .003000 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Mylar
Maximum Output Size: 10 in. by 36 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, Serial
Price: \$1,295
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: June 1981
(See Vendor Profile Page V-27)

NUMONICS
5424
Compatibility: RS-232
Plotter Type: Gridwheel
Plotting Method: Line plot
Accuracy: .025000 in.
Repeatability: .003000 in.
Resolution: .005000 in.
Number and Types of Pens: 1; Ballpoint, Fiber-tip
Output Medium: Paper, Film, Mylar
Maximum Output Size: 23 in. by 36 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional graphics, Mapping
Data Transmission Characteristics: Ascii, Pure, BCD, Serial
Price: \$2,975
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: March 1983

OPTRONICS INTERNATIONAL, INC.
4040
Compatibility: DEC VAX
Plotter Type: Drum
Plotting Method: Point plot
Resolution: .001000 in.
Output Medium: Film
Maximum Output Size: 40 in. by 40 in.
Routines Supported: Mapping, Graphics
(See Vendor Profile Page V-27)

OPTRONICS INTERNATIONAL, INC.
E-4300
Compatibility: DEC VAX; DG
Plotter Type: Drum
Plotting Method: Point plot
Resolution: .001000 in.
Maximum Output Size: 10 in. by 10 in.

Plotters

Routines Supported: Remote Sensing
Number Installed to Date: Under 100

OPTONICS INTERNATIONAL, INC.

C-4500
Compatibility: DEC VAX; DG
Plotter Type: Drum
Plotting Method: Point plot
Resolution: .002000 in.
Output Medium: Film
Maximum Output Size: 10 in. by 10 in.
Routines Supported: Mapping, Remote Sensing
Distribution Method: Third-party
Number Installed to Date: 100 - 500

OPTONICS INTERNATIONAL, INC.

L-5500
Compatibility: DEC VAX; DG
Plotter Type: Drum
Plotting Method: Point plot
Accuracy: .002000 in.
Output Medium: Paper, Film
Maximum Output Size: 10 in. by 10 in.
Routines Supported: Graphics, Remote Sensing
Distribution Method: OEM
Number Installed to Date: 100 - 500

OPTONICS INTERNATIONAL, INC.

P-1000
Compatibility: DEC VAX; DG
Plotter Type: Drum
Plotting Method: Point plot
Resolution: .002000 in.
Maximum Output Size: 14 in. by 17 in.
Routines Supported: Graphics, Remote Sensing
Distribution Method: OEM
Number Installed to Date: 100 - 500

OPTONICS INTERNATIONAL, INC.

P-1500
Compatibility: DEC VAX; DG
Plotter Type: Drum
Plotting Method: Point plot
Resolution: .001000 in.
Output Medium: Film
Maximum Output Size: 10 in. by 10 in.
Routines Supported: Remote Sensing
Distribution Method: End user
Number Installed to Date: Under 100

OPTONICS INTERNATIONAL, INC.

P-1700
Compatibility: DEC VAX; DG
Plotter Type: Drum
Plotting Method: Point plot
Resolution: .002000 in.
Output Medium: Film
Maximum Output Size: 10 in. by 10 in.
Routines Supported: Remote Sensing
Distribution Method: OEM
Number Installed to Date: 100 - 500

PANASONIC INDUSTRIAL CO.

VP-8801P
Plotter Type: Flatbed
Plotting Method: Line plot
Repeatability: .012000 in.

Resolution: .004000 in.
Number and Types of Pens: 6; Ballpoint, Fiber-tip
Peak Pen Speed: 16 in./sec
Output Medium: Paper, Mylar
Maximum Output Size: 7 in. by 10 in.

Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design
Price: \$1,995
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: November 1982
(See Vendor Profile Page V-27)

PANASONIC INDUSTRIAL CO.

VP-8802P
Plotter Type: Flatbed
Plotting Method: Line plot
Repeatability: .012000 in.
Resolution: .004000 in.
Number and Types of Pens: 8; Ballpoint, Fiber-tip, Plastic-tip
Peak Pen Speed: 18 in./sec
Output Medium: Paper, Mylar
Maximum Output Size: 10 in. by 14 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design
Distribution Method: Third-party
Date First Installed: July 1983

SAHYO BUSINESS SYSTEMS CORP.

X-Y PLOTTER
Plotter Type: Flatbed
Plotting Method: Point plot
Accuracy: .020000 in.
Repeatability: .020000 in.
Resolution: .010000 in.
Number and Types of Pens: 4; Fiber-tip
Output Medium: Paper
Maximum Output Size: 11 in. by 17 in.

Routines Supported: Graphing, Geometrics, Drafting, Mapping, Interactive design
Price: \$995
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: December 1982
(See Vendor Profile Page V-31)

SEIKO INSTRUMENTS U.S.A., INC.

CH-3201
Compatibility: Syntrox; RGB Video
Plotter Type: Thermal ink tracing
Plotting Method: Point plot
Output Medium: Paper, Film
Data Transmission Characteristics: Analog Video, Parallel, Video
Distribution Method: End user, OEM
Date First Installed: September 1983
(See Vendor Profile Page V-32)

SOLTEC CORP.

6801
Compatibility: Apple II; IBM Personal Computer
Plotter Type: Electrostatic
Plotting Method: Line plot
Accuracy: .008000 in.
Repeatability: .008000 in.
Resolution: .002050 in.
Number and Types of Pens: 6; Ballpoint, Fiber-tip, Plastic-tip
Peak Pen Speed: 16 in./sec

Output Medium: Paper, Film, Mylar
Maximum Output Size: 9 in. by 11 in.

Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, Scientific Calculating

Data Transmission Characteristics: Ascii, BCD, Parallel
Price: \$1,995

Distribution Method: End user, OEM
Date First Installed: September 1982
(See Vendor Profile Page V-32)

SOLTEC CORP.

6802
Compatibility: Apple II; IBM Personal Computer

Plotting Method: Line plot
Accuracy: .008000 in.
Repeatability: .008000 in.

Resolution: .00250 in.
Number and Types of Pens: 8; Ballpoint, Fiber-tip, Plastic-tip

Peak Pen Speed: 16 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 11 in. by 17 in.

Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, Scientific Calculations

Data Transmission Characteristics: Ascii, BCD, Parallel
Price: \$2,595

Date First Installed: April 1983

STROBE, INC.

MODEL 100
Plotter Type: Drum
Plotting Method: Point plot
Accuracy: .000200 in.
Resolution: .000200 in.
Number and Types of Pens: 1; Fiber-tip
Output Medium: Paper, Mylar
Maximum Output Size: 8 in. by 10 in.

Routines Supported: Graphing
Data Transmission Characteristics: Ascii, Pure, Serial
Price: \$699
Distribution Method: End user, OEM, Third-party
Date First Installed: February 1981
(See Vendor Profile Page V-33)

STROBE, INC.

MODEL 200
Plotter Type: Drum
Plotting Method: Point plot
Accuracy: .000200 in.
Resolution: .000200 in.
Number and Types of Pens: 1; Fiber-tip
Output Medium: Paper, Mylar
Maximum Output Size: 8 in. by 10 in.

Routines Supported: Graphing, Drafting, Interactive design
Data Transmission Characteristics: Ascii, Pure, Serial
Price: \$795
Distribution Method: End user, OEM, Third-party
Date First Installed: September 1981

SYSTEMATIC COMPUTER SERVICES, INC.

ORTHOMAT 8000
Plotter Type: Flatbed

Plotting Method: Line plot
Accuracy: .003000 in.
Repeatability: .001600 in.
Resolution: .000800 in.
Number and Types of Pens: 6; Ballpoint, Fiber-tip, Diamond Scribe
Peak Pen Speed: 15 in./sec
Output Medium: Paper, Film, Mylar, Aluminum
Maximum Output Size: 72 in. by 260 in.

Routines Supported: Drafting, Three-dimensional Graphics
Data Transmission Characteristics: Ascii, Ebcid, Serial
Price: \$100,000 to \$250,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: June 1980
(See Vendor Profile Page V-33)

TANDY CORP.

FP-215 PLOTTER/PRINTER
Plotter Type: Flatbed
Plotting Method: Line plot
Repeatability: .012000 in.
Resolution: .003930 in.
Number and Types of Pens: 1; Fiber-tip
Peak Pen Speed: 3.93 in./sec
Output Medium: Paper
Maximum Output Size: 10 in. by 14 in.
Routines Supported: Ascii, CTL Codes
Price: \$995
Distribution Method: End user
Date First Installed: 1982
(See Vendor Profile Page V-34)

TEKTRONIX, INC.

4662 INTERACTIVE DIGITAL PLOTTER
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .034000 in.
Repeatability: .025000 in.
Resolution: .005000 in.
Number and Types of Pens: 8; Fiber-tip, Fine-Line Nylon tip
Peak Pen Speed: 22 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 11 in. by 17 in.
Data Transmission Characteristics: Ascii, Serial, IEEE-488
Price: \$5,800
Distribution Method: End user, OEM
(See Vendor Profile Page V-36)

TEKTRONIX, INC.

46635 INTERACTIVE DIGITAL PLOTTER
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .036000 in.
Repeatability: .002500 in.
Resolution: .001000 in.
Number and Types of Pens: 2; Fine-Line Nylon tip
Peak Pen Speed: 22 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 17 in. by 22 in.
Data Transmission Characteristics: Ascii, Serial, IEEE-488
Price: \$10,900
Distribution Method: End user, OEM

VERSATEC, INC.

8222F
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.

Plotters

Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$26,500
Distribution Method: End user, OEM
(See Vendor Profile Page V-38)

VERSATEC, INC.
8224F
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$29,500
Distribution Method: End user, OEM

VERSATEC, INC.
8236F
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$41,500
Distribution Method: End user, OEM

VERSATEC, INC.
8242F
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$53,500
Distribution Method: End user, OEM

VERSATEC, INC.
8244A
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$56,200
Distribution Method: End user, OEM

VERSATEC, INC.
8253A
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Vellum, 100% Cotton

Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Distribution Method: End user, OEM

VERSATEC, INC.
8272A
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$83,000
Distribution Method: End user, OEM

VERSATEC, INC.
ECPA2
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$98,000
Distribution Method: End user, OEM

VERSATEC, INC.
V80
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$8,950
Distribution Method: End user, OEM

VERSATEC, INC.
V80F
Plotter Type: Electrostatic
Plotting Method: Point plot
Accuracy: .015000 in.
Repeatability: .010000 in.
Resolution: .005000 in.
Output Medium: Paper, Film, Vellum, 100% Cotton
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping, Interactive design, PC Board Layout
Price: \$9,950
Distribution Method: End user, OEM

WESTERN GRAPHTEC
MP 1100
Plotter Type: Flatbed
Plotting Method: Point plot
Accuracy: .001000 in.
Repeatability: .012000 in.
Number and Types of Pens: 6
Peak Pen Speed: 6 in./sec
Output Medium: Paper
Maximum Output Size: 14 in. by 11 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping
Distribution Method: End user,

OEM, Third-party
(See Vendor Profile Page V-39)

WESTERN GRAPHTEC
WX 4630 SERIES
Plotter Type: Roll Chart
Plotting Method: Point plot
Accuracy: .004000 in.
Repeatability: .006000 in.
Number and Types of Pens: 10, Ballpoint
Peak Pen Speed: 16 in./sec
Output Medium: Paper, Mylar
Maximum Output Size: 15 in. by 9 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping
Price: \$3,990 to \$6,990
Distribution Method: OEM, Third-party
Date First Installed: 1978

WESTERN GRAPHTEC
WX4731 PLOT WRITER
Plotting Method: Point plot
Accuracy: .002000 in.
Repeatability: .008000 in.
Resolution: .004000 in.
Number and Types of Pens: 4, Ballpoint
Output Medium: Paper
Maximum Output Size: 11 in. by 39 in.
Routines Supported: Graphing, Geometrics, Drafting, Three-dimensional Graphics, Mapping
Price: \$2,490
Distribution Method: End user, OEM
Date First Installed: 1979

XYNETICS, INC.
XYNETICS SERIES 1000
DRAFTING TABLE
Compatibility: RS-232
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .005000 in.
Repeatability: .001000 in.
Number and Types of Pens: 4; Ballpoint, Fiber-tip, Diamond Scribe
Peak Pen Speed: 40 in./sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 72 in. by 192 in.
Routines Supported: All Graphics
Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
Price: \$85,000
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: 1968
(See Vendor Profile Page V-40)

YOKOGAWA OF AMERICA
GRAPHMATE II
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .010000 in.
Repeatability: .008000 in.
Resolution: .002000 in.
Number and Types of Pens: 4; Ceramic, Felt, Drafting
Peak Pen Speed: 10 cm/sec
Output Medium: Paper, Film, Mylar
Maximum Output Size: 9 in. by 11 in.
Routines Supported: Interactive design, Business Graphics, Zoom
Price: \$2,950
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: October 1982
(See Vendor Profile Page V-40)

YOKOGAWA OF AMERICA
PL 1000
Plotter Type: Grid Wheel
Plotting Method: Line plot
Accuracy: .001000 in.
Repeatability: .008000 in.
Resolution: .004000 in.
Number and Types of Pens: 4; Plastic Tip, Oil Base
Peak Pen Speed: 4 in./sec
Output Medium: Paper, Mylar
Maximum Output Size: 11 in. by 17 in.
Routines Supported: Graphing, Arc Circles
Price: \$1,150
Distribution Method: End user, OEM
Date First Installed: January 1983

YOKOGAWA OF AMERICA
PL 2000
Plotter Type: Flatbed
Plotting Method: Line plot
Accuracy: .010000 in.
Repeatability: .008000 in.
Resolution: .002000 in.
Number and Types of Pens: 4; Ceramic, Felt-tip, Drafting
Peak Pen Speed: 10 cm/sec
Output Medium: Paper, Mylar
Maximum Output Size: 9 in. by 11 in.
Routines Supported: Graphing, Character rotational sizing
Price: \$2,100
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: January 1983

DIGITIZERS

Digitizer Index by Technology

A digitizer is a device that converts graphic data into digital or numeric form. The index has been sorted according to two types — flatbed and image-scan digitizers. It contains information on the vendor, the product, price and the page number on which the listing is found. There is an additional section which includes digitizers which utilize other technologies. Vendors are listed alphabetically with their products following in alphabetical order.

Flatbed Digitizers

VENDOR	MODEL	PRICE	PAGE
Aitek Corp.	DATATAB	N/A	B-69
Aristo Graphic Corp.	ARISTOMAT 1000	\$25,000	B-69
Computer Talk, Inc.	600 CURSOR DIGITIZER	\$2,000 to \$13,000	B-69
Data Technology, Inc.	DT 4060-D	\$38,000	B-69
Elographics, Inc.	E230	\$600	B-70
Envision Technology, Inc.	90301 GRAPHICS TABLET	\$2,000	B-70
Gerber Camaco, Inc.	M-1705	N/A	B-70
GTCC Corp.	DIGI-PAD 5 FAMILY	\$795	B-70
Hewlett-Packard Co.	HP 9111A	\$2,050	B-70
	HP 17623A	\$1,920	B-70
Hitachi America, Ltd.	COMPUDESIGN HS	\$97,500	B-70
	HICOMSCAN	\$1,000 to \$8,000	B-70
Houston Instruments	COMPLIT DIGITIZER SERIES 7000	\$2,950 to \$6,750	B-70
	HIPAD DIGITIZER	\$840 to \$1,195	B-70
Kongsberg North America, Inc.	KARTOSCAN	\$350,000	B-70
Numonics	2200	\$675 to \$1,275	B-71
	2300	\$2,250 to \$6,025	B-71
	2400	\$3,825 to \$8,000	B-71
Summagraphics Corp.	BIT PAD 1	\$700	B-71
	BIT PAD 10	\$700	B-71
	ID	\$4,000	B-71
	MICROGRID	\$4,600	B-71
	MM	\$750	B-72
	SUMMAGRID DIGITIZERS	\$6,000	B-72
	SUPERGRID	\$3,000	B-72
Sun-Flex Co., Inc.	TOUCH PEN SYSTEM	\$795	B-72
Tektronix, Inc.	411X OPTION 13 GRAPHICS TABLET	\$2,750	B-72
	411X OPTION 14 GRAPHICS TABLET	\$4,950	B-72
	4956 GRAPHIC TABLET	\$5,670	B-72

Image-Scan Digitizers

VENDOR	MODEL	PRICE	PAGE
Broomall Industries, Inc.	LAS-200 SCANNER DIGITIZER	\$118,500	B-69
Colorado Video, Inc.	XY DIGITIZER 622	\$4,500	B-69
Computer Talk, Inc.	540 AUTOMATIC SCANNING DIGITIZER	\$147,000	B-69
Datamax	DG VIDEO DIGITIZER	\$2,000	B-69
Data Technology, Inc.	ALD-4060	\$50,000	B-69
Eikonix Corp.	EIKONIXSCAN 78/99	\$20,000	B-69
	EIKONIXSCAN 7800 SERIES	\$60,000	B-69
L-W International	110C	\$20,000	B-70

Digitizers Using Other Technologies

VENDOR	MODEL	PRICE	PAGE
Aristo Graphic Corp.	ARISTOGRID 100	\$14,000	B-69

Digitizer Index

VENDOR	MODEL	PRICE	PAGE
Broomall Industries, Inc.	D-400 SCANNER DIGITIZER	\$38,000	B-69
California Computer Products, Inc.	CALCOMP 2000 SERIES	\$560	B-69
	CALCOMP 4000 SERIES	\$1,080	B-69
	CALCOMP 6000 SERIES	\$1,930	B-69
	CALCOMP 8000 SERIES	\$2,850	B-69
	CALCOMP 9000	\$1,541	B-69
Elographics, Inc.	E270	\$1,500	B-70
Interface Electronics, Inc.	DATATRAK DIGITIZER	\$5,000	B-70
Micro Control Systems, Inc.	SPACE TABLET	\$795	B-70
Optronics International, Inc.	C-4100	N/A	B-71
Polhemus Navigation Sciences, Inc.	3 SPACE DIGITIZER	\$20,000 to \$30,000	B-71
Science Accessories Corp.	GD-3	\$3,775	B-71
	GP-3D-P	\$10,700	B-71
	GP-6	\$4,755	B-71
	GP-6-3D	\$10,700	B-71
	GP-6-25H/26H	\$3,000	B-71
	GP-7	\$865	B-71
	GP-8	\$2,450	B-71

Digitizers

ALTEK CORP.

DATATAB
Compatibility: DEC VAX-11/780; HP 1000; DG
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Cross hair
Accuracy: .003 in.
Repeatability: .001 in.
Resolution: .001 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Vector
Maximum Tablet/Input Size: 42 in. by 130 in.
Data Transmission Characteristics: Ascii, Ebodic, Pure, BCD, Parallel, Serial, IEEE-48
Distribution Method: OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1978
(See Vendor Profile Page V-2)

ARISTO GRAPHIC CORP.

ARISTOGRID 100
Compatibility: DEC PDP-11, LSI-11
Digitizer Type: Gridboard
Digitization Method: Active
Cursor Type: Free/Pen, Touch panel
Accuracy: .003 in.
Resolution: .001 in.
Digitization Rate: 160 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 39 in. by 60 in.
Data Transmission Characteristics: Ascii, Parallel, Serial
Price: \$14,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: September 1978
(See Vendor Profile Page V-4)

ARISTO GRAPHIC CORP.

ARISTOMAT 1000
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: TV System Closed Circuit
Accuracy: .001 in.
Repeatability: .0004 in.
Resolution: .0002 in.
Operating Mode: Point, Formatted and Coded
Maximum Tablet/Input Size: 48 in. by 60 in.
Data Transmission Characteristics: Ascii, Ebodic, Pure, Parallel, Serial
Price: \$25,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1975

BROOMALL INDUSTRIES, INC.

D-400 SCANNER DIGITIZER
Compatibility: DEC PDP-11, VAX-11
Digitizer Type: Drum Scanner
Accuracy: .0025 in.
Repeatability: .005 in.
Resolution: .0025 in.
Digitization Rate: 3 min per 12 in. by 18 in. document
Maximum Tablet/Input Size: 12 in. by 18 in.
Data Transmission Characteristics: Pure, Parallel
Price: \$38,000
Distribution Method: End user

Date First Installed: 1975
(See Vendor Profile Page V-5)

BROOMALL INDUSTRIES, INC.

LAS-200 SCANNER DIGITIZER
Compatibility: DEC PDP-11, VAX-11
Digitizer Type: Image Scan
Digitization Method: Active
Cursor Type: Scanner
Accuracy: .002 in.
Repeatability: .001 in.
Digitization Rate: 5.5 min per 8.5 in. by 11 in. document
Maximum Tablet/Input Size: 44 in. by 65 in.
Data Transmission Characteristics: Pure, Parallel
Price: \$118,500
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 2000 SERIES
Digitizer Type: Tablet
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair, Free Cursor
Accuracy: .025 in.
Resolution: .005 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Track
Maximum Tablet/Input Size: 12 in. by 12 in.
Data Transmission Characteristics: Ascii, Serial, RS-232C
Price: \$560
Distribution Method: OEM
Date First Installed: May 1982
(See Vendor Profile Page V-5)

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 4000 SERIES
Digitizer Type: Tablet
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .025 in.
Resolution: .0025 in.
Digitization Rate: 240 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 11 in. by 11 in.
Price: \$1,080
Distribution Method: OEM
Date First Installed: 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 5000 SERIES
Digitizer Type: Tablet
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .0105 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Track
Maximum Tablet/Input Size: 44 in. by 60 in.
Price: \$1,930
Distribution Method: OEM
Date First Installed: 1974

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 9000 SERIES
Digitizer Type: Tablet
Digitization Method: Active

Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .0105 in.
Resolution: .001 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Track
Maximum Tablet/Input Size: 44 in. by 60 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$2,850
Distribution Method: OEM
Date First Installed: 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 9000
Digitizer Type: Tablet
Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .0105 in.
Resolution: .001 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Track and Line
Maximum Tablet/Input Size: 60 in. by 44 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$1,541
Distribution Method: OEM
Date First Installed: 1982

COLORADO VIDEO, INC.

XY DIGITIZER 622
Digitizer Type: Image Scan
Digitization Rate: 60 coordinate-pair/sec
Operating Mode: Point, Continuous
Data Transmission Characteristics: Pure, Parallel
Price: \$4,500
Distribution Method: End user
Date First Installed: 1973
(See Vendor Profile Page V-7)

COMPUTER TALK, INC.

540 AUTOMATIC SCANNING DIGITIZER
Digitizer Type: Image Scan
Digitization Method: Passive
Cursor Type: Restricted
Accuracy: .001 in.
Resolution: .0005 in.
Digitization Rate: 200,000 coordinate-pair/sec
Operating Mode: Automatic
Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: User-Formattable, Pure, BCD, Off-Line
Price: \$147,000
Distribution Method: End user
Number Installed to Date: 3
Date First Installed: 1979
(See Vendor Profile Page V-8)

COMPUTER TALK, INC.

600 CURSOR DIGITIZER
Digitizer Type: Flatbed
Digitization Method: Passive
Cursor Type: Free/Cross hair
Accuracy: .005 in.
Resolution: .001 in.
Digitization Rate: 1000 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Area, Volume, Linear
Maximum Tablet/Input Size: 63 in. by 86 in.
Data Transmission Characteristics:

Ascii, Ebodic, Binary, Pure, BCD, Serial, IEEE-488
Price: \$2,000 to \$13,000
Distribution Method: End user
Date First Installed: May 1972

DATAMAX

DG VIDEO DIGITIZER
Compatibility: Datamax UV-1R
Digitizer Type: Image Scan
Digitization Method: Active
Cursor Type: Video Camera
Operating Mode: Continuous
Price: \$2,000
Distribution Method: Third-party
(See Vendor Profile Page V-10)

DATA TECHNOLOGY, INC.

ALD-4060
Digitizer Type: Image Scan
Digitization Method: Active
Cursor Type: Photoelectric
Accuracy: .004 in.
Repeatability: .001 in.
Resolution: .001 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 40 in. by 60 in.
Data Transmission Characteristics: Ascii, Serial
Price: \$50,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: October 1982
(See Vendor Profile Page V-11)

DATA TECHNOLOGY, INC.

DT 4060-D
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Cross hair, Stylus
Accuracy: .005 in.
Repeatability: .001 in.
Resolution: .001 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 40 in. by 60 in.
Data Transmission Characteristics: Ascii, Pure, Serial
Price: \$38,000
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: February 1983

EIKONIX CORP.

EIKONIXSCAN 75/99
Compatibility: DEC
Digitizer Type: Image Scan
Digitization Method: Active
Accuracy: .0005 in.
Resolution: .0002 in.
Operating Mode: Continuous
Maximum Tablet/Input Size: 30 in. by 30 in.
Price: \$20,000
Distribution Method: End user
Number Installed to Date: Under 100
(See Vendor Profile Page V-14)

EIKONIX CORP.

EIKONIXSCAN 7800 SERIES
Compatibility: DEC
Digitizer Type: Image Scan
Digitization Method: Active
Accuracy: .0005 in.
Resolution: .0002 in.

Digitizer Index

VENDOR	MODEL	PRICE	PAGE
Broomall Industries, Inc.	D-400 SCANNER DIGITIZER	\$38,000	B-69
California Computer Products, Inc.	CALCOMP 2000 SERIES	\$560	B-69
	CALCOMP 4000 SERIES	\$1,080	B-69
	CALCOMP 6000 SERIES	\$1,930	B-69
	CALCOMP 8000 SERIES	\$2,850	B-69
	CALCOMP 9000	\$1,541	B-69
Elographics, Inc.	E270	\$1,500	B-70
Interface Electronics, Inc.	DATATRAK DIGITIZER	\$5,000	B-70
Micro Control Systems, Inc.	SPACE TABLET	\$795	B-70
Optronics International, Inc.	C-4100	N/A	B-71
Polhemus Navigation Sciences, Inc.	3 SPACE DIGITIZER	\$20,000 to \$30,000	B-71
Science Accessories Corp.	GD-3	\$3,775	B-71
	GP-3D-P	\$10,700	B-71
	GP-6	\$4,755	B-71
	GP-6-3D	\$10,700	B-71
	GP-6-25H/26H	\$3,000	B-71
	GP-7	\$865	B-71
	GP-8	\$2,450	B-71

Digitizers

ALTEK CORP.

DATAB

Compatibility: DEC VAX-11/780; HP 1000; DG
 Digitizer Type: Flatbed
 Digitization Method: Active
 Cursor Type: Free/Cross hair
 Accuracy: .003 in.
 Repeatability: .001 in.
 Resolution: .001 in.
 Digitization Rate: 100 coordinate-pair/sec
 Operating Mode: Point, Continuous, Incremental, Vector
 Maximum Tablet/Input Size: 42 in. by 130 in.
 Data Transmission Characteristics: Ascii, Ebodic, Pure, BCD, Parallel, Serial, IEEE-48
 Distribution Method: OEM
 Number Installed to Date: 1,000 - 5,000
 Date First Installed: June 1978
 (See Vendor Profile Page V-2)

ARISTO GRAPHIC CORP.

ARISTOGRID 100

Compatibility: DEC PDP-11, LSI-11
 Digitizer Type: Gridboard
 Digitization Method: Active
 Cursor Type: Free/Pen, Touch panel
 Accuracy: .003 in.
 Resolution: .001 in.
 Digitization Rate: 160 coordinate-pair/sec
 Operating Mode: Point, Continuous
 Maximum Tablet/Input Size: 39 in. by 60 in.
 Data Transmission Characteristics: Ascii, Parallel, Serial
 Price: \$14,000
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: September 1978
 (See Vendor Profile Page V-4)

ARISTO GRAPHIC CORP.

ARISTOMAT 1000

Digitizer Type: Flatbed
 Digitization Method: Active
 Cursor Type: TV System Closed Circuit
 Accuracy: .001 in.
 Repeatability: .0004 in.
 Resolution: .0002 in.
 Operating Mode: Point, Formatted and Coded
 Maximum Tablet/Input Size: 48 in. by 60 in.
 Data Transmission Characteristics: Ascii, Ebodic, Pure, Parallel, Serial
 Price: \$25,000
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: January 1975

BROOMALL INDUSTRIES, INC.

D-4000 SCANNER DIGITIZER

Compatibility: DEC PDP-11, VAX-11
 Digitizer Type: Drum Scanner
 Accuracy: .0025 in.
 Repeatability: .005 in.
 Resolution: .0025 in.
 Digitization Rate: 3 min per 12 in. by 18 in. document
 Maximum Tablet/Input Size: 12 in. by 18 in.
 Data Transmission Characteristics: Pure, Parallel
 Price: \$38,000
 Distribution Method: End user

Date First Installed: 1975

(See Vendor Profile Page V-5)

BROOMALL INDUSTRIES, INC.

LAS-200 SCANNER DIGITIZER

Compatibility: DEC PDP-11, VAX-11
 Digitizer Type: Image Scan
 Digitization Method: Active
 Cursor Type: Scanner
 Accuracy: .002 in.
 Repeatability: .001 in.
 Digitization Rate: 5.5 min per 8.5 in. by 11 in. document
 Maximum Tablet/Input Size: 44 in. by 65 in.
 Data Transmission Characteristics: Pure, Parallel
 Price: \$118,500
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 2000 SERIES

Digitizer Type: Tablet
 Digitization Method: Active
 Cursor Type: Free/Pen, Free/Cross hair, Free Cursor
 Accuracy: .025 in.
 Resolution: .005 in.
 Digitization Rate: 100 coordinate-pair/sec
 Operating Mode: Point, Continuous, Track
 Maximum Tablet/Input Size: 12 in. by 12 in.
 Data Transmission Characteristics: Ascii, Serial, RS-232C
 Price: \$560
 Distribution Method: OEM
 Date First Installed: May 1982
 (See Vendor Profile Page V-5)

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 4000 SERIES

Digitizer Type: Tablet
 Digitization Method: Active
 Cursor Type: Free/Pen, Free/Cross hair
 Accuracy: .025 in.
 Resolution: .0025 in.
 Digitization Rate: 240 coordinate-pair/sec
 Operating Mode: Point, Continuous
 Maximum Tablet/Input Size: 11 in. by 11 in.
 Price: \$1,080
 Distribution Method: OEM
 Date First Installed: 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 6000 SERIES

Digitizer Type: Tablet
 Cursor Type: Free/Pen, Free/Cross hair
 Accuracy: .0105 in.
 Digitization Rate: 100 coordinate-pair/sec
 Operating Mode: Point, Continuous, Incremental, Track
 Maximum Tablet/Input Size: 44 in. by 60 in.
 Price: \$1,930
 Distribution Method: OEM
 Date First Installed: 1974

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 8000 SERIES

Digitizer Type: Tablet
 Digitization Method: Active

Cursor Type: Free/Pen, Free/Cross hair

Accuracy: .0105 in.
 Resolution: .001 in.
 Digitization Rate: 100 coordinate-pair/sec
 Operating Mode: Point, Continuous, Incremental, Track
 Maximum Tablet/Input Size: 44 in. by 60 in.
 Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
 Price: \$2,850
 Distribution Method: OEM
 Date First Installed: 1979

CALIFORNIA COMPUTER PRODUCTS, INC.

CALCOMP 9000

Digitizer Type: Tablet
 Digitization Method: Active
 Cursor Type: Free/Pen
 Accuracy: .0105 in.
 Resolution: .001 in.
 Digitization Rate: 100 coordinate-pair/sec
 Operating Mode: Point, Continuous, Incremental, Track and Line
 Maximum Tablet/Input Size: 60 in. by 44 in.
 Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
 Price: \$1,541
 Distribution Method: OEM
 Date First Installed: 1982

COLORADO VIDEO, INC.

XY DIGITIZER 622

Digitizer Type: Image Scan
 Digitization Rate: 60 coordinate-pair/sec
 Operating Mode: Point, Continuous
 Data Transmission Characteristics: Pure, Parallel
 Price: \$4,500
 Distribution Method: End user
 Date First Installed: 1973
 (See Vendor Profile Page V-7)

COMPUTER TALK, INC.

540 AUTOMATIC SCANNING DIGITIZER

Digitizer Type: Image Scan
 Digitization Method: Passive
 Cursor Type: Restricted
 Accuracy: .001 in.
 Resolution: .0005 in.
 Digitization Rate: 200,000 coordinate-pair/sec
 Operating Mode: Automatic
 Maximum Tablet/Input Size: 42 in. by 60 in.
 Data Transmission Characteristics: User-Formattable, Pure, BCD, Off-Line
 Price: \$147,000
 Distribution Method: End user
 Number Installed to Date: 3
 Date First Installed: 1979
 (See Vendor Profile Page V-8)

COMPUTER TALK, INC.

600 CURSOR DIGITIZER

Digitizer Type: Flatbed
 Digitization Method: Passive
 Cursor Type: Free/Cross hair
 Accuracy: .005 in.
 Resolution: .001 in.
 Digitization Rate: 1000 coordinate-pair/sec
 Operating Mode: Point, Continuous, Incremental, Area, Volume, Linear
 Maximum Tablet/Input Size: 63 in. by 86 in.
 Data Transmission Characteristics:

Ascii, Ebodic, Binary, Pure, BCD, Serial, IEEE-488

Price: \$2,000 to \$13,000
 Distribution Method: End user
 Date First Installed: May 1972

DATAMAX

DG VIDEO DIGITIZER

Compatibility: Datamax UV-1R
 Digitizer Type: Image Scan
 Digitization Method: Active
 Cursor Type: Video Camera
 Operating Mode: Continuous
 Price: \$2,000
 Distribution Method: Third-party
 (See Vendor Profile Page V-10)

DATA TECHNOLOGY, INC.

ALD-4060

Digitizer Type: Image Scan
 Digitization Method: Active
 Cursor Type: Photoelectric
 Accuracy: .004 in.
 Repeatability: .001 in.
 Resolution: .001 in.
 Digitization Rate: 200 coordinate-pair/sec
 Operating Mode: Point, Continuous, Incremental
 Maximum Tablet/Input Size: 40 in. by 60 in.
 Data Transmission Characteristics: Ascii, Serial
 Price: \$50,000
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: October 1982
 (See Vendor Profile Page V-11)

DATA TECHNOLOGY, INC.

DT 4060-D

Digitizer Type: Flatbed
 Digitization Method: Active
 Cursor Type: Free/Cross hair, Stylus
 Accuracy: .005 in.
 Repeatability: .001 in.
 Resolution: .001 in.
 Digitization Rate: 200 coordinate-pair/sec
 Operating Mode: Point, Continuous, Incremental
 Maximum Tablet/Input Size: 40 in. by 60 in.
 Data Transmission Characteristics: Ascii, Pure, Serial
 Price: \$38,000
 Distribution Method: End user, OEM
 Number Installed to Date: Under 100
 Date First Installed: February 1983

EIKONIX CORP.

EIKONIXSCAN 78-99

Compatibility: DEC
 Digitizer Type: Image Scan
 Digitization Method: Active
 Accuracy: .0005 in.
 Resolution: .0002 in.
 Operating Mode: Continuous
 Maximum Tablet/Input Size: 30 in. by 30 in.
 Price: \$20,000
 Distribution Method: End user
 Number Installed to Date: Under 100
 (See Vendor Profile Page V-14)

EIKONIX CORP.

EIKONIXSCAN 7800 SERIES

Compatibility: DEC
 Digitizer Type: Image Scan
 Digitization Method: Active
 Accuracy: .0005 in.
 Resolution: .0002 in.

Digitizers

Operating Mode: Continuous
Maximum Tablet/Input Size: 30 in. by 30 in.
Data Transmission Characteristics: Parallel
Price: \$60,000
Distribution Method: End user
Number Installed to Date: Under 100

ELOGRAPHICS, INC.
E230
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Touch panel
Accuracy: .040 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 48 in. by 60 in.
Data Transmission Characteristics: Ascii, BCD, Serial
Price: \$600
Distribution Method: End user, OEM, Third-party
Date First Installed: 1972
(See Vendor Profile Page V-14)

ELOGRAPHICS, INC.
E270
Digitizer Type: Curved
Digitization Method: Active
Cursor Type: Touch panel
Accuracy: .040 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 48 in. by 60 in.
Data Transmission Characteristics: Ascii, BCD, Serial
Price: \$1,500
Distribution Method: End user, OEM, Third-party
Date First Installed: 1978

ENVISION TECHNOLOGY, INC.
30301 GRAPHICS TABLET
Compatibility: Envision 200 Series
Digitizer Type: Flatbed
Digitization Method: Passive
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .01 in.
Resolution: .001 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 11 in. by 11 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Serial
Price: \$2,000
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: February 1983
(See Vendor Profile Page V-14)

GERBER CAMSCO, INC.
M-1705
Compatibility: Gerber AM-5
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Cross hair
Digitization Rate: 255 coordinate-pair/sec
Operating Mode: Incremental
Maximum Tablet/Input Size: 44 in. by 60 in.
Distribution Method: End user

Number Installed to Date: 150
Date First Installed: 1982
(See Vendor Profile Page V-16)

GTCC CORP.
DIGI-PAD 5 FAMILY
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .005 in.
Repeatability: .001 in.
Resolution: .001 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: Ascii, Binary, Pure, BCD, Parallel, Serial, Dual RS-232
Price: \$795
Distribution Method: OEM, Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-16)

HEWLETT-PACKARD CO.
HP 9111A
Compatibility: HP 80, 200, 1000
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen
Repeatability: .004 in.
Resolution: .004 in.
Digitization Rate: 60 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 9 in. by 12 in.
Data Transmission Characteristics: Parallel
Price: \$2,050
Distribution Method: End user
Date First Installed: November 1981
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.
HP 17623A
Compatibility: HP 1000, 3000, 2623/2627
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen
Repeatability: .0003 in.
Resolution: .0003 in.
Digitization Rate: 9600 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 12 in. by 9 in.
Data Transmission Characteristics: Ascii, Binary, Serial
Price: \$1,920
Distribution Method: End user
Date First Installed: February 1983

HITACHI AMERICA, LTD.
COMPUDESIGN HS
Compatibility: DEC LSI-11
Digitizer Type: Flatbed
Digitization Method: Active, Electromagnetic
Cursor Type: Free/Cross hair
Accuracy: .005 in.
Repeatability: .25 in.
Resolution: .005 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Entity
Maximum Tablet/Input Size: 37 in. by 23 in.
Data Transmission Characteristics: Ascii, Pure, Parallel

Price: \$87,500
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: December 1981
(See Vendor Profile Page V-17)

HITACHI AMERICA, LTD.
HICOMSCAN
Compatibility: RS-232
Digitizer Type: Free Cursor
Digitization Method: Active
Cursor Type: Free Cursor
Accuracy: .005 in.
Repeatability: .005 in.
Resolution: .001 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 44 in. by 60 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$1,000 to \$8,000
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 2,000
Date First Installed: 1981

HOUSTON INSTRUMENTS
COMPLLOT DIGITIZER SERIES 7000
Compatibility: RS-232C
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .005 in.
Resolution: .001 in.
Digitization Rate: 150 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Switch-stream
Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: Ascii, GPIB, BCD, Parallel, Serial
Price: \$2,950 to \$6,750
Distribution Method: OEM
Date First Installed: July 1981
(See Vendor Profile Page V-17)

HOUSTON INSTRUMENTS
HIPAD DIGITIZER
Compatibility: RS-232C
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .015 in.
Repeatability: .015 in.
Resolution: .005 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 11 in. by 11 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$840 to \$1,195
Distribution Method: OEM, Third-party
Date First Installed: 1980

INTERFACE ELECTRONICS, INC.
DATATRAK DIGITIZER
Compatibility: DG Nova, RS-232
Digitizer Type: Electromagnetic
Digitization Method: Passive
Cursor Type: Free/Cross hair
Accuracy: .005 in.
Repeatability: .001 in.
Resolution: .001 in.

Digitization Rate: 300 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: Ascii, BCD, Binary, Parallel, Serial
Price: \$5,000
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: 1977
(See Vendor Profile Page V-19)

KONIGSBERG NORTH AMERICA, INC.
KARTOSCAN
Compatibility: DEC VAX-11/780, VAX-11/750
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Optical
Accuracy: .001 in.
Repeatability: .005 in.
Resolution: .001 in.
Digitization Rate: 1.25 coordinate-pair/sec
Operating Mode: Pical
Maximum Tablet/Input Size: 24 in. by 40 in.
Data Transmission Characteristics: Ascii, Pure, Parallel
Price: \$350,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: March 1981
(See Vendor Profile Page V-21)

L-W INTERNATIONAL
110C
Digitizer Type: Image Scan
Digitization Method: Passive
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .010 in.
Repeatability: .001 in.
Resolution: .001 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 20 in. by 20 in.
Data Transmission Characteristics: Ascii, Binary, Parallel
Price: \$20,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: June 1983
(See Vendor Profile Page V-22)

MICRO CONTROL SYSTEMS, INC.
SPACE TABLET
Compatibility: IBM Personal Computer, Apple II
Digitizer Type: Mechanical Three-dimensional
Digitization Method: Active
Cursor Type: Robotic Arm
Resolution: .025 in.
Digitization Rate: 2 coordinate-pair/sec
Operating Mode: Point
Data Transmission Characteristics: Ascii, Pure, Serial
Price: \$795
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: August 1982
(See Vendor Profile Page V-23)

Digitizers

HUMONICS

2200
Digitizer Type: Flatbed
Digitization Method: Passive
Cursor Type: Free/Cross hair
Accuracy: .005 in.
Repeatability: .005 in.
Resolution: .001 in.
Operating Mode: Point, Continuous, Incremental, Switch-stream
Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, Serial
Price: \$675 to \$1,275
Distribution Method: OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: March 1982
(See Vendor Profile Page V-27)

HUMONICS

2300
Digitizer Type: Flatbed
Digitization Method: Passive
Cursor Type: Free/Cross hair
Accuracy: .005 in.
Repeatability: .005 in.
Resolution: .001 in.
Operating Mode: Point, Continuous, Incremental, Switch-stream
Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, Serial
Price: \$2,250 to \$6,025
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1981

HUMONICS

2400
Digitizer Type: Flatbed
Digitization Method: Passive
Cursor Type: Free/Cross hair
Accuracy: .005 in.
Repeatability: .005 in.
Resolution: .001 in.
Operating Mode: Point, Continuous, Incremental, Switch-stream
Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, Serial
Price: \$3,825 to \$8,000
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: July 1980

OPTRONICS INTERNATIONAL, INC.

C-4100
Compatibility: DEC VAX; DG
Distribution Method: OEM
Number Installed to Date: Under 100
(See Vendor Profile Page V-27)

POLHEMUS NAVIGATION SCIENCES, INC.

3 SPACE DIGITIZER
Digitizer Type: Magnetic Transducing
Digitization Method: Active
Cursor Type: Free/Stylet
Accuracy: .032 in.
Resolution: .016 in.
Digitization Rate: 50 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 50 in. by 50 in.
Data Transmission Characteristics:

Ascii, Binary, User-definable, Parallel, Serial
Price: \$20,000 to \$30,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: April 1982
(See Vendor Profile Page V-29)

SCIENCE ACCESSORIES CORP.

GP-3
Digitizer Type: Sonic
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .001 in.
Repeatability: .01 in.
Resolution: .01 in.
Digitization Rate: 140 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 60 in. by 72 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, Serial
Price: \$3,775
Distribution Method: OEM, Third-party
Number Installed to Date: 5,000 - 10,000
(See Vendor Profile Page V-31)

SCIENCE ACCESSORIES CORP.

GP-3D-P
Digitizer Type: Sonic
Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .001 in.
Repeatability: .0254 in.
Resolution: .0254 in.
Digitization Rate: 80 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 72 in. by 72 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$10,700
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: February 1983

SCIENCE ACCESSORIES CORP.

GP-5
Digitizer Type: Sonic
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .001 in.
Repeatability: .01 in.
Resolution: .01 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 60 in. by 72 in.
Data Transmission Characteristics: Ascii, Pure, Parallel, Serial
Price: \$4,755
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: March 1978

SCIENCE ACCESSORIES CORP.

GP-6-3D
Digitizer Type: Sonic

Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .001 in.
Repeatability: .0254 in.
Resolution: .0254 in.
Digitization Rate: 80 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 72 in. by 72 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$10,700
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: May 1979

SCIENCE ACCESSORIES CORP.

GP-6-25H/26H
Digitizer Type: Sonic
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .001 in.
Repeatability: .01 in.
Resolution: .005 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous
Maximum Tablet/Input Size: 60 in. by 72 in.
Data Transmission Characteristics: Ascii, BCD, Parallel, Serial
Price: \$3,000
Distribution Method: OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: April 1979

SCIENCE ACCESSORIES CORP.

GP-7
Digitizer Type: Sonic
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .003 in.
Repeatability: .01 in.
Resolution: .01 in.
Digitization Rate: 80 coordinate-pair/sec
Operating Mode: Point, Continuous, Stream
Maximum Tablet/Input Size: 18 in. by 24 in.
Data Transmission Characteristics: Ascii, Parallel, Serial
Price: \$865
Distribution Method: OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: December 1981

SCIENCE ACCESSORIES CORP.

GP-8
Digitizer Type: Sonic
Digitization Method: Active
Cursor Type: Free/Pen, Free/Cross hair
Accuracy: .001 in.
Repeatability: .005 in.
Resolution: .01 in.
Digitization Rate: 80 coordinate-pair/sec
Operating Mode: Point, Continuous, Stream
Maximum Tablet/Input Size: 60 in. by 72 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, Serial

Price: \$2,450
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: January 1983

SUMMAGRAPHICS CORP.

BIT PAD 1
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .08 in.
Resolution: .005 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous, Switch-stream, Remote
Maximum Tablet/Input Size: 11 in. by 11 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, RS-232, IEEE
Price: \$700
Distribution Method: Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: 1978
(See Vendor Profile Page V-33)

SUMMAGRAPHICS CORP.

BIT PAD 10
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .08 in.
Resolution: .005 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous, Switch-stream, Remote
Maximum Tablet/Input Size: 11 in. by 11 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, RS-232, IEEE
Price: \$700
Number Installed to Date: 10,000 - 50,000
Date First Installed: 1978

SUMMAGRAPHICS CORP.

ID
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .004 in.
Repeatability: .5 in.
Resolution: .005 in.
Digitization Rate: 200 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Remote
Maximum Tablet/Input Size: 20 in. by 20 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, Serial, RS-232, IEEE
Price: \$4,000
Distribution Method: Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: 1976

SUMMAGRAPHICS CORP.

MICROGRID
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Cross hair
Accuracy: .010 in.
Resolution: .001 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Remote, Switch-stream

Digitizers

Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, Serial
Price: \$4,600
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: May 1983

SUMMAGRAPHICS CORP.

MM

Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .01 in.
Resolution: .005 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental, Diagnostic
Maximum Tablet/Input Size: 12 in. by 12 in.
Data Transmission Characteristics: Ascii, Pure, Serial, RS-232
Price: \$750
Distribution Method: Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: 1978

SUMMAGRAPHICS CORP.

SUMMAGRID DIGITIZERS

Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Pen
Accuracy: .005 in.
Resolution: .001 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 42 in. by 60 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel
Price: \$6,000
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: 1980

SUMMAGRAPHICS CORP.

SUPERGRID

Digitizer Type: Flatbed
Digitization Method: Passive
Cursor Type: Free/Pen
Accuracy: .005 in.
Resolution: .001 in.
Digitization Rate: 100 coordinate-pair/sec
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 20 in. by 20 in.
Data Transmission Characteristics: Ascii, Pure, BCD, Parallel, RS-232, IEEE
Price: \$3,000
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1980

SUN-FLEX CO., INC.

TOUCH PEN SYSTEM

Compatibility: IBM Personal Computer, Victor 9000
Digitizer Type: Flatbed
Digitization Method: Active
Cursor Type: Free/Cross hair
Accuracy: .005 in.
Repeatability: .001 in.
Resolution: .001 in.
Digitization Rate: 30 coordinate-pair/sec

Operating Mode: Continuous
Maximum Tablet/Input Size: 12 in. by 8 in.

Data Transmission Characteristics: Ascii, Pure, Serial
Price: \$795
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: July 1981
(See Vendor Profile Page V-33)

TEKTRONIX, INC.

411X OPTION 13 GRAPHICS

TABLET
Compatibility: Tektronix 411X Terminal
Digitizer Type: Flatbed
Digitization Method: Magnetostrictive
Accuracy: .01 in.
Repeatability: .005 in.
Resolution: .005 in.
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 11 in. by 11 in.
Price: \$2,750
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-36)

TEKTRONIX, INC.

411X OPTION 14 GRAPHICS

TABLET
Compatibility: Tektronix 411X Terminal
Digitizer Type: Flatbed
Digitization Method: Magnetostrictive
Cursor Type: Free/Pen
Accuracy: .010 in.
Repeatability: .005 in.
Resolution: .005 in.
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 30 in. by 40 in.
Price: \$4,950
Date First Installed: 1981

TEKTRONIX, INC.

4956 GRAPHIC TABLET

Compatibility: Tektronix 405X
Digitizer Type: Flatbed
Digitization Method: Magnetostrictive
Cursor Type: Free/Pen
Accuracy: .004 in.
Resolution: .005 in.
Operating Mode: Point, Continuous, Incremental
Maximum Tablet/Input Size: 20 in. by 20 in.
Data Transmission Characteristics: Ascii, GPIB
Price: \$5,670
Distribution Method: End user, OEM
Date First Installed: 1977

A Memory to Treasure



DISK & TAPE DRIVES
MEMORIES

Century Data's 300 Megabyte Winchester Disk Memory

For OEMs, this high-end disk memory is not only an exciting advance in technology, but a memory to treasure.

And AMS-315 is more than twice as reliable as 300 megabyte removable pack disk drives used in the past. It plugs into the same SMD interface and operates with the same software as removable pack drives. This large capacity Winchester disk memory needs only one-third as much room to provide 300 megabytes of memory.



Best of all, it costs one-third less than a removable pack drive and is now available in OEM quantities.

To configure a new computer system or upgrade an existing one, the AMS-315 is the memory to treasure.

Century Data Systems
1270 North Kraemer Blvd.
Anaheim, California 92806
(714) 999-2660



Century Data Systems
A Xerox Company

A Memory to Treasure

C
DISK & TAPE DRIVES
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Century Data Systems
A Xerox Company

Disk Drive Index by Capacity

The index to disk drives has been divided according to the technology on which the drive is based — floppy, rigid or Winchester. Winchester disk drives are sealed units that contain high-density rigid disks and floating read/write heads, as opposed to rigid disk units, which are unsealed and have fixed access heads. Within each category, the products have been arranged in descending order from the highest to the lowest disk storage capacity. Each listing in the index contains information on the vendor, drive name, storage capacity and whether the capacity is formatted or unformatted, disk diameter size, price with or without controller and the page number on which the complete product listing can be found.

The disk drive product listings have also been sorted into sections by drive technology type, and within each section, the products have been broken down according to the capacity range of the disks that run on the drive. Floppy disk drives have been subdivided into the following capacity ranges: over 3M bytes, 1M to 3M bytes, 512K bytes to 1M byte and 0 to 512K bytes. Rigid disk drives have been subdivided according to the following ranges: over 500M bytes, 201M to 500M bytes, 101M to 200M bytes and 1M to 100M bytes. Drives employing Winchester technology have been subdivided starting with those drives that have over 700M bytes of storage, followed by the 201M- to 700M-byte capacity range, the 101M- to 200M-byte range, the 20M- to 100M-byte range and the under 20M-byte range.

Floppy Disk Drives

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Ex-Cell-O, Inc.	RFS4810	16M bytes, formatted	8 in.	\$1,350, w/controller	C-14
Heath Co.	Z37	12.8M bytes, formatted	5 1/4 in.	\$1,995, w/o controller	C-14
	Z207-41	12.8M bytes, formatted	8 in.	\$1,599, w/o controller	C-14
	Z207-42	12.8M bytes, formatted	8 in.	\$2,299, w/controller	C-14
Iomega Corp.	ALPHA-10	10M bytes, unformatted	8 in.	\$795, w/o controller	C-14
Tecmar, Inc.	BAC-PAC	10M bytes, unformatted	5 1/4 in.	N/A	C-14
Amlyn Corp.	S850	8M bytes, formatted	5 1/4 in.	\$975, w/o controller	C-14
	A506	8M bytes, formatted	5 1/4 in.	\$995, w/o controller	C-14
Iomega Corp.	BETA-5	5.2M bytes, unformatted	5 1/4 in.	\$895, w/o controller	C-14
Amlyn Corp.	S460	5M bytes, formatted	5 1/4 in.	\$975, w/o controller	C-14
Corona Data Systems	STAR FIRE 5	5M bytes, unformatted	5 1/4 in.	\$2,195, w/controller	C-14
Tecmar, Inc.	FLOPPY 5/8 SUBSYSTEM	5M bytes, unformatted	8 in.	\$1,995, w/o controller	C-14
Per Sci, Inc.	299B HIGH SPEED	3.2M bytes, formatted	8 in.	\$2,495, w/o controller	C-14
Trak Microcomputer Corp.	C-2000A	3.2M bytes, formatted	8 in.	\$2,000, w/controller	C-14
	C-2000I	3.2M bytes, formatted	8 in.	N/A	C-14
Per Sci, Inc.	299B	3M bytes, formatted	8 in.	\$1,685, w/o controller	C-14
Drivetec, Inc.	320	2.6M bytes, unformatted	5 1/4 in.	\$495, w/controller	C-15
Instor Corp.	INSTOR/SMR	2.5M bytes, unformatted	8 in.	\$5,500, w/controller	C-15
	INSTOR/85	2.5M bytes, unformatted	8 in.	\$5,500, w/controller	C-15
	INSTOR/85P	2.5M bytes, unformatted	8 in.	\$5,500, w/controller	C-15
Bering Industries, Inc.	BERING 2895	2.4M bytes, unformatted	8 in.	\$4,990, w/controller	C-14
CompuPro Corp.	FLOPPY DISK SUBSYSTEM	2.4M bytes, unformatted	8 in.	\$3,295, w/controller	C-15
Univation, Inc.	SUMLINE	2.4M bytes, unformatted	8 in.	N/A	C-17
Hewlett-Packard Co.	9895A (DUAL)	2.3M bytes, unformatted	8 in.	\$5,910, w/controller	C-15
Lobo Systems, Inc.	S202CA	2.2M bytes, unformatted	8 in.	\$1,925, w/controller	C-16
Commodore	CBM 8250	2.1M bytes, formatted	5 1/4 in.	\$2,195, w/o controller	C-15
Analog & Digital Peripherals	E-Z-DISC 4	2M bytes, unformatted	5 1/4 in.	\$1,100, w/controller	C-14
Canon U.S.A., Inc.	MOD 422	2M bytes, formatted	5 1/4 in.	\$335, w/o controller	C-15
	MDD 423	2M bytes, formatted	5 1/4 in.	\$370, w/o controller	C-15
Central Data Corp.	D2001	2M bytes, unformatted	8 in.	N/A	C-15
Chivlin Industries, Inc.	CI-1220	2M bytes, unformatted	8 in.	\$2,095, w/o controller	C-15
Computer Automation, Inc.	45118-02	2M bytes, formatted	8 in.	\$3,240, w/o controller	C-15
Micropolis Corp.	1117-VI	2M bytes, formatted	5 1/4 in.	N/A	C-16
Mitsubishi Electronics	MB455	2M bytes, formatted	5 1/4 in.	\$550, w/o controller	C-16
Caldisk, Inc.	143 M	1.7M bytes, unformatted	8 in.	\$630, w/o controller	C-14
Western Telematic, Inc.	MINI MATE-III	1.6M bytes, unformatted	5 1/4 in.	\$3,195, w/o controller	C-17
Miltope Corp.	DD400 FLEXIBLE DISK DRIVE	1.6M bytes, formatted	8 in.	\$5,000, w/o controller	C-16

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
C. Itoh Electronics Inc.	YD-380T	1.6M bytes, formatted	5 1/4 in.	N/A	C-15
Control Data Corp.	CDC 9406-4	1.6M bytes, formatted	5 1/4 in.	N/A	C-15
Ex-Cell-O, Inc.	RFD4000	1.6M bytes, formatted	8 in.	\$750, w/o controller	C-15
Micro Peripherals, Inc.	42	1.6M bytes, unformatted	8 in.	\$300, w/o controller	C-16
Mitsubishi Electronics	M2894-63	1.6M bytes, formatted	8 in.	\$600, w/o controller	C-16
	M2896-63	1.6M bytes, formatted	8 in.	\$600, w/o controller	C-16
	M4854	1.6M bytes, formatted	5 1/4 in.	\$500, w/o controller	C-16
NEC Information Systems	FD1165	1.6M bytes, unformatted	5 1/4 in.	\$525, w/o controller	C-16
Qume Corp.	QUMETRAK 242	1.6M bytes, formatted	8 in.	\$415, w/o controller	C-16
	QUMETRAK 842	1.6M bytes, formatted	8 in.	\$445, w/o controller	C-16
Shugart Associates, Inc.	SA850/851	1.6M bytes, formatted	8 in.	N/A	C-16
	SA860	1.6M bytes, formatted	8 in.	N/A	C-16
Tandon Corp.	TM848-2	1.6M bytes, formatted	8 in.	N/A	C-16
TEAC Corp. of America	FD55-G	1.6M bytes, formatted	5 1/4 in.	\$450, w/o controller	C-16
Toshiba America, Inc.	ND-40D	1.6M bytes, formatted	8 in.	N/A	C-16
Univision, Inc.	FLOPPY EXTERNAL DRIVE	1.6M bytes, unformatted	5 1/4 in.	N/A	C-17
World Storage Technology	FD200-8	1.6M bytes, formatted	8 in.	\$700, w/o controller	C-17
Per Sci, Inc.	277	1.5M bytes, formatted	8 in.	\$1,150, w/o controller	C-16
	277 HIGH SPEED	1.3M bytes, formatted	8 in.	\$1,595, w/o controller	C-16
Zenith Data Systems	ZENITH Z-207-41	1.3M bytes, formatted	8 in.	\$1,599, w/o controller	C-17
	ZENITH Z-207-42	1.3M bytes, formatted	8 in.	\$2,299, w/o controller	C-17
Infotek	FD9830	1.2M bytes, formatted	8 in.	\$3,675, w/o controller	C-15
IBM	4965	1.2M bytes, unformatted	8 in.	N/A	C-15
ALS Corp.	FD9830	1.2M bytes, unformatted	8 in.	\$3,675, w/o controller	C-14
	FD9885	1.2M bytes, formatted	8 in.	\$3,450, w/o controller	C-14
Trak Microcomputer Corp.	E-20002	1.2M bytes, unformatted	8 in.	\$845, w/o controller	C-16
	M-20002	1.2M bytes, unformatted	8 in.	\$1,199, w/o controller	C-17
Hewlett-Packard Co.	9855A OPT.010 (SINGLE)	1.1M bytes, unformatted	8 in.	\$4,580, w/o controller	C-15
Lobo Systems, Inc.	8202 CA	1.1M bytes, unformatted	8 in.	\$1,625, w/o controller	C-16
	5101CA	1.1M bytes, unformatted	8 in.	\$1,625, w/o controller	C-16
IBM	5246	1.1M bytes, unformatted	8 in.	N/A	C-15
Sony Comm. Products	SMI-7012	1.1M bytes, unformatted	3 1/2 in.	\$1,100, w/o controller	C-16
VR Data Corp.	TANDON 100-1	1.06M bytes, unformatted	5 1/4 in.	\$250, w/o controller	C-17
Commodore	CBM 8050	1M bytes, formatted	5 1/4 in.	\$1,695, w/o controller	C-15
CGRS Microtech, Inc.	877-2	1M bytes, unformatted	8 in.	\$1,695, w/o controller	C-15
	CM77-2	1M bytes, unformatted	8 in.	\$1,695, w/o controller	C-15
Amdek	AMDISK III	1M bytes, formatted	3 in.	\$599, w/o controller	C-17
AM Electronics	220-C	1M bytes, formatted	5 1/4 in.	\$499, w/o controller	C-17
Analog & Digital Peripherals	ADPI PORTA-DISK	1M bytes, unformatted	5 1/4 in.	\$850, w/o controller	C-17
	E-Z-DISC 3	1M bytes, unformatted	5 1/4 in.	\$1,050, w/o controller	C-17
Canon U.S.A., Inc.	MDD 221	1M bytes, formatted	5 1/4 in.	\$235, w/o controller	C-17
Central Data Corp.	D2000	1M bytes, unformatted	8 in.	\$2,800, w/o controller	C-17
Comark Corp.	MF80DSS	1M bytes, formatted	8 in.	\$3,295, w/o controller	C-18
	MF85DSS	1M bytes, unformatted	8 in.	\$3,495, w/o controller	C-18
	MF85DSS	1M bytes, formatted	8 in.	\$2,995, w/o controller	C-18
Control Data Corp.	CDC 9409T	1M bytes, formatted	5 1/4 in.	\$260, w/o controller	C-18
	CDC 9429	1M bytes, formatted	5 1/4 in.	N/A	C-18
Cyberchron Corp.	CFD-211	1M bytes, unformatted	8 in.	\$2,995, w/o controller	C-18
	CFD-221	1M bytes, unformatted	8 in.	\$2,995, w/o controller	C-18
Data Systems Design, Inc.	DD5 770 FLOPPY	1M bytes, unformatted	5 1/4 in.	N/A	C-18
	DD5 880 FLOPPY	1M bytes, unformatted	8 in.	\$3,895, w/o controller	C-18
Ex-Cell-O, Inc.	RFD960	1M bytes, formatted	5 1/4 in.	\$410, w/o controller	C-18
Honeywell, Inc.	RFD965	1M bytes, formatted	5 1/4 in.	\$360, w/o controller	C-18
Infotek	DIU 9608	1M bytes, unformatted	5 1/4 in.	\$1,100, w/o controller	C-19
Micro Peripherals, Inc.	FD9885	1M bytes, formatted	8 in.	\$3,450, w/o controller	C-19
	92	1M bytes, unformatted	5 1/4 in.	\$200, w/o controller	C-19
Micropolis Corp.	902	1M bytes, unformatted	5 1/4 in.	\$190, w/o controller	C-19
	1115-V	1M bytes, formatted	5 1/4 in.	\$199, w/o controller	C-19
	1115-VI	1M bytes, formatted	5 1/4 in.	\$248, w/o controller	C-19
Mitsubishi Electronics	M4852	1M bytes, formatted	5 1/4 in.	\$450, w/o controller	C-19
	M4853	1M bytes, formatted	5 1/4 in.	\$450, w/o controller	C-20
NCR Corp.	7646	1M bytes, unformatted	8 in.	\$3,500, w/o controller	C-20
Nissel Sangyo America, Ltd.	F8500	1M bytes, formatted	5 1/4 in.	\$300, w/o controller	C-20
Nixdorf Computer Corp.	6320	1M bytes, unformatted	8 in.	\$2,300, w/o controller	C-20
Qume Corp.	QUMETRAK 592	1M bytes, formatted	5 1/4 in.	\$315, w/o controller	C-20
Shugart Associates, Inc.	SA460	1M bytes, formatted	5 1/4 in.	N/A	C-20
	SA465	1M bytes, formatted	5 1/4 in.	N/A	C-20
Sony Comm. Products	OA-D32W	1M bytes, formatted	3 1/2 in.	N/A	C-20
Tandon Corp.	TM55	1M bytes, formatted	5 1/4 in.	N/A	C-20
	TM100-4	1M bytes, formatted	5 1/4 in.	N/A	C-20
	TM101-4	1M bytes, formatted	5 1/4 in.	N/A	C-20
TEAC Corp. of America	FD55-F	1M bytes, formatted	5 1/4 in.	\$395, w/o controller	C-20
Toshiba America, Inc.	ND-06D	1M bytes, formatted	5 1/4 in.	N/A	C-20
World Storage Technology	FDD221-5	1M bytes, unformatted	5 1/4 in.	\$550, w/o controller	C-21
Matchless Systems	SLIMLINE	985K bytes, unformatted	8 in.	\$1,550, w/o controller	C-19
Dictaphone Corp.	6440	982K bytes, unformatted	5 1/4 in.	N/A	C-18
Micropolis Corp.	1115-IV	960K bytes, unformatted	5 1/4 in.	\$248, w/o controller	C-19
Tandon Corp.	TM35	875K bytes, unformatted	3 1/2 in.	N/A	C-20

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Western Telematic, Inc.	MINI MATE-III	816K bytes, unformatted	5 1/4 in.	\$1,995, w/o controller	C-21
Caldisk, Inc.	142 M	802K bytes, formatted	8 in.	\$550, w/o controller	C-17
	142 M1	802K bytes, formatted	8 in.	\$510, w/o controller	C-17
	842 D	802K bytes, formatted	8 in.	\$500, w/o controller	C-17
Control Data Corp.	CDC 9404B	800K bytes, formatted	8 in.	N/A	C-18
Ex-Cell-O, Inc.	RFD2000	800K bytes, formatted	8 in.	\$580, w/o controller	C-18
	RFS2410	800K bytes, formatted	8 in.	\$1,195, w/o controller	C-18
	41	800K bytes, unformatted	8 in.	\$250, w/o controller	C-19
Micro Peripherals, Inc.	DD450	800K bytes, formatted	8 in.	\$16,000, w/o controller	C-19
Miltope Corp.	SA 801/801R	800K bytes, formatted	8 in.	N/A	C-20
Shugart Associates, Inc.	SA 810	800K bytes, formatted	8 in.	N/A	C-20
	TM848-1	800K bytes, formatted	8 in.	N/A	C-20
Tandon Corp.	FDD100-8	800K bytes, formatted	8 in.	\$600, w/o controller	C-21
World Storage Technology	DATAMAX DFD-1	770K bytes, unformatted	5 1/4 in.	\$1,685, w/o controller	C-18
Batamax	2270A-3	750K bytes, unformatted	8 in.	\$6,200, w/o controller	C-21
Wang Laboratories, Inc.	DATA MATE-II-DUAL	656K bytes, unformatted	5 1/4 in.	\$3,195, w/o controller	C-21
Western Telematic, Inc.	ELITE THREE	652K bytes, formatted	5 1/4 in.	\$585, w/o controller	C-20
Rana Systems	PC-2	640K bytes, formatted	N/A	\$495, w/o controller	C-21
Trak Microcomputer Corp.	PC-4	640K bytes, formatted	5 1/4 in.	\$495, w/o controller	C-21
Zenith Data Systems	ZENITH Z-37	640K bytes, unformatted	5 1/4 in.	\$1,699, w/o controller	C-21
CGRS Microtech, Inc.	340-2	592K bytes, unformatted	3 1/2 in.	\$995, w/o controller	C-17
	540-2	592K bytes, unformatted	5 1/4 in.	\$875, w/o controller	C-17
	C340-2	592K bytes, unformatted	3 1/2 in.	\$995, w/o controller	C-18
	OS40-2	592K bytes, unformatted	5 1/4 in.	\$875, w/o controller	C-18
Micro-Sci	A-143	572K bytes, unformatted	5 1/4 in.	\$659, w/o controller	C-19
	PRO-140	572K bytes, unformatted	5 1/4 in.	\$659, w/o controller	C-19
Standun Controls, Inc.	MICRO-SCI-A143	572K bytes, unformatted	5 1/4 in.	\$659, w/o controller	C-20
	MICRO-SCI-6457	572K bytes, unformatted	5 1/4 in.	\$479, w/o controller	C-20
Lobo Systems, Inc.	8101CA	570K bytes, unformatted	8 in.	\$1,325, w/o controller	C-19
Sony Comm. Products	SMI-7011	560K bytes, unformatted	3 1/2 in.	\$650, w/o controller	C-20
	SMI-7013	560K bytes, unformatted	3 1/2 in.	\$775, w/o controller	C-20
Hewlett-Packard Co.	9121D (DUAL)	540K bytes, unformatted	3 1/2 in.	\$1,775, w/o controller	C-19
	82901M (DUAL)	540K bytes, unformatted	5 1/4 in.	\$2,230, w/o controller	C-19
CGRS Microtech, Inc.	877-1	512K bytes, unformatted	8 in.	\$995, w/o controller	C-18
	C877-1	512K bytes, unformatted	8 in.	\$995, w/o controller	C-18
Computer Automation, Inc.	45003-01	512K bytes, unformatted	8 in.	\$3,000, w/o controller	C-18
Digital Equipment Corp.	DEC RX02	512K bytes, unformatted	8 in.	\$4,500, w/o controller	C-18
	RX02	512K bytes, unformatted	8 in.	N/A	C-18
Innotronics Corp.	INNOTRONICS MODEL 410	512K bytes, unformatted	8 in.	\$700, w/o controller	C-19
Micro Peripherals, Inc.	52	512K bytes, unformatted	5 1/4 in.	N/A	C-19
	91	512K bytes, unformatted	5 1/4 in.	\$190, w/o controller	C-19
	502	512K bytes, unformatted	5 1/4 in.	\$165, w/o controller	C-19
	901	512K bytes, unformatted	N/A	\$175, w/o controller	C-19
SemiDisk Systems	SEMIDISK 4941	512K bytes, unformatted	N/A	\$1,495, w/o controller	C-20
Toshiba America, Inc.	ND-04D	512K bytes, formatted	5 1/4 in.	N/A	C-20
Aerocomp, Inc.	80 TRACK DOUBLE SIDED	500K bytes, unformatted	5 1/4 in.	\$379, w/o controller	C-21
AM Electronics	210-C	500K bytes, formatted	5 1/4 in.	\$450, w/o controller	C-21
Analog & Digital Peripherals	E-Z-DISC 2	500K bytes, unformatted	5 1/4 in.	\$1,000, w/o controller	C-21
Control Data Corp.	CDC 9409	500K bytes, formatted	5 1/4 in.	N/A	C-22
	CDC 9428	500K bytes, formatted	5 1/4 in.	\$150, w/o controller	C-22
Data Systems Design, Inc.	DSO 440	500K bytes, unformatted	8 in.	\$3,895, w/o controller	C-22
Ex-Cell-O, Inc.	RFD480	500K bytes, formatted	5 1/4 in.	\$360, w/o controller	C-22
	RFD485	500K bytes, formatted	5 1/4 in.	\$295, w/o controller	C-22
	RFD981	500K bytes, formatted	5 1/4 in.	\$360, w/o controller	C-22
	RFD986	500K bytes, formatted	5 1/4 in.	\$295, w/o controller	C-22
Matchless Systems	MITSUBISHI 80 TRACK DD/DF	500K bytes, formatted	5 1/4 in.	\$1,029, w/o controller	C-23
Mitsubishi Electronics	M4851	500K bytes, formatted	5 1/4 in.	\$400, w/o controller	C-24
	MF351	500K bytes, formatted	3 1/2 in.	\$350, w/o controller	C-24
Personal Micro Computers	FDD-420	500K bytes, formatted	5 1/4 in.	\$295, w/o controller	C-24
Qume Corp.	QUMETRAK 142	500K bytes, formatted	5 1/4 in.	\$185, w/o controller	C-24
	QUMETRAK 542	500K bytes, formatted	5 1/4 in.	\$210, w/o controller	C-24
R-G-B Designs, Inc.	SHUGART SA 455	500K bytes, formatted	5 1/4 in.	\$375, w/o controller	C-24
Shugart Associates, Inc.	SA 300	500K bytes, formatted	3 1/2 in.	N/A	C-25
	SA 410	500K bytes, formatted	5 1/4 in.	N/A	C-25
	SA 450	500K bytes, formatted	5 1/4 in.	N/A	C-25
	SA 455	500K bytes, formatted	5 1/4 in.	N/A	C-25
Sony Comm. Products	OA-D32V	500K bytes, formatted	3 1/2 in.	\$340, w/o controller	C-25
Tandon Corp.	T100-2	500K bytes, formatted	5 1/4 in.	N/A	C-25
	TM100	500K bytes, formatted	5 1/4 in.	N/A	C-25
	TM100-3	500K bytes, formatted	5 1/4 in.	N/A	C-25
TEAC Corp. of America	FD55-B	500K bytes, formatted	5 1/4 in.	\$360, w/o controller	C-26
	FD55-E	500K bytes, formatted	5 1/4 in.	\$360, w/o controller	C-26
Trak Microcomputer Corp.	AT-D2 DOUBLE DENSITY	500K bytes, unformatted	5 1/4 in.	\$550, w/o controller	C-26
Wang Laboratories, Inc.	2270A-2	500K bytes, unformatted	8 in.	\$400, w/o controller	C-27
World Storage Technology	D FDD211-5	500K bytes, formatted	5 1/4 in.	\$450, w/o controller	C-27
	FDD121-5	500K bytes, formatted	5 1/4 in.	\$450, w/o controller	C-27
	FDD200-5	500K bytes, formatted	5 1/4 in.	\$450, w/o controller	C-27
	FDD212-5	500K bytes, formatted	5 1/4 in.	\$330, w/o controller	C-27

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Micropolis Corp.	1115-II	480K bytes, formatted	5 1/4 in.	\$199, w/o controller	C-23
Digital Equipment Corp.	DEC RX50	409K bytes, unformatted	5 1/4 in.	\$995, w/o controller	C-22
Western Telematic, Inc.	MINI MATE-III-408K	408K bytes, unformatted	5 1/4 in.	\$1,695, w/o controller	C-27
Miltope Corp.	DD400	400K bytes, formatted	8 in.	\$13,000, w/o controller	C-24
Techtran Industries, Inc.	980XX	400K bytes, formatted	5 1/4 in.	\$1,585, w/o controller	C-26
Cromemco, Inc.	DDF	390K bytes, unformatted	5 1/4 in.	\$1,295, w/o controller	C-22
IBM	4-INCH	358K bytes, formatted	4 in.	\$165, w/o controller	C-23
Commodore	4040 CMB	340K bytes, formatted	5 1/4 in.	N/A	C-22
Western Telematic, Inc.	DATA MATE-II-328K	328K bytes, unformatted	5 1/4 in.	\$2,195, w/o controller	C-27
Rana Systems	ELITE TWO	326K bytes, formatted	5 1/4 in.	\$455, w/o controller	C-24
Fourth Dimension Systems	S111-5	320K bytes, formatted	5 1/4 in.	\$185, w/o controller	C-23
IBM	S211-5	320K bytes, formatted	5 1/4 in.	\$235, w/o controller	C-23
Percom Data Corp.	320KB	320K bytes, formatted	5 1/4 in.	\$650, w/o controller	C-23
Sanyo Business Systems	IBM 40 SERIES	320K bytes, unformatted	5 1/4 in.	\$549, w/o controller	C-24
Trak Microcomputer Corp.	EPD-160 MODEL 1000	320K bytes, unformatted	5 1/4 in.	\$695, w/o controller	C-24
	EPD-360	320K bytes, unformatted	5 1/4 in.	\$1,295, w/o controller	C-25
	PC-1	320K bytes, formatted	N/A	\$375, w/o controller	C-26
	PC-3	320K bytes, formatted	5 1/4 in.	\$375, w/o controller	C-26
	Z-1	320K bytes, formatted	5 1/4 in.	\$375, w/o controller	C-26
	Z-2	320K bytes, formatted	5 1/4 in.	N/A	C-26
VR Data Corp.	TANDON 100-2	320K bytes, unformatted	5 1/4 in.	\$350, w/o controller	C-27
CGRS Microtech, Inc.	340-1	296K bytes, unformatted	3 1/2 in.	N/A	C-22
	540-1	296K bytes, unformatted	5 1/4 in.	\$595, w/o controller	C-22
	C340-1	296K bytes, unformatted	3 1/2 in.	N/A	C-22
	C540-1	296K bytes, unformatted	5 1/4 in.	\$595, w/o controller	C-22
Fourth Dimension Systems	FDS-40A	288K bytes, formatted	5 1/4 in.	\$205, w/o controller	C-22
	FDS-40AWC	288K bytes, formatted	5 1/4 in.	\$280, w/o controller	C-23
Amdek	AMDISK I	286K bytes, unformatted	3 in.	\$299, w/o controller	C-21
Micro-Sci	A-73	286K bytes, unformatted	5 1/4 in.	\$529, w/o controller	C-23
	PRO-70	286K bytes, unformatted	5 1/4 in.	\$529, w/o controller	C-24
Standun Controls, Inc.	MICRO-SCI-A70	286K bytes, unformatted	5 1/4 in.	\$529, w/o controller	C-25
	MICRO-SCI-A73	286K bytes, unformatted	5 1/4 in.	\$529, w/o controller	C-25
	MICRO-SCI-642B	286K bytes, unformatted	5 1/4 in.	N/A	C-25
Sony Comm. Products	SMI-7014	280K bytes, unformatted	3 1/2 in.	\$500, w/o controller	C-25
Hewlett-Packard Co.	9121S (SINGLE)	270K bytes, unformatted	3 1/2 in.	\$1,200, w/o controller	C-23
	9130A	270K bytes, unformatted	5 1/4 in.	\$860, w/o controller	C-23
	82902M (SINGLE)	270K bytes, unformatted	5 1/4 in.	\$1,520, w/o controller	C-23
World Storage Technology	FDD112-5	265K bytes, formatted	5 1/4 in.	\$280, w/o controller	C-27
Digital Equipment Corp.	RX01	256K bytes, unformatted	8 in.	N/A	C-22
Micro Peripherals, Inc.	501	256K bytes, unformatted	5 1/4 in.	\$150, w/o controller	C-23
Micro-Sci	A-70	256K bytes, unformatted	5 1/4 in.	\$235, w/o controller	C-23
Midwest Scientific	FD-8	256K bytes, formatted	8 in.	\$2,000, w/o controller	C-24
World Storage Technology	FDD100-5	256K bytes, formatted	5 1/4 in.	\$350, w/o controller	C-27
Aerocomp, Inc.	40 TRACK DOUBLE SIDED	250K bytes, unformatted	5 1/4 in.	\$279, w/o controller	C-21
	80 TRACK FLIPPY	250K bytes, unformatted	5 1/4 in.	\$239, w/o controller	C-21
	80 TRACK SINGLE SIDED	250K bytes, unformatted	5 1/4 in.	\$299, w/o controller	C-21
Analog & Digital Peripherals	E-Z-DISC I	250K bytes, unformatted	5 1/4 in.	\$950, w/o controller	C-21
Control Data Corp.	CDC 9408	250K bytes, formatted	5 1/4 in.	\$160, w/o controller	C-22
Ex-Cell-O, Inc.	RFD481	250K bytes, formatted	5 1/4 in.	\$305, w/o controller	C-22
	RFD486	250K bytes, formatted	5 1/4 in.	\$235, w/o controller	C-22
Matchless Systems	40 TRACK DD/DF	250K bytes, formatted	5 1/4 in.	\$680, w/o controller	C-23
Shugart Associates, Inc.	SA 200	250K bytes, formatted	5 1/4 in.	N/A	C-25
	SA 400	250K bytes, formatted	5 1/4 in.	N/A	C-25
	SA 405	250K bytes, formatted	5 1/4 in.	N/A	C-25
Tandon Corp.	TM100-1	250K bytes, formatted	5 1/4 in.	N/A	C-25
TEAC Corp. of America	FD-30	250K bytes, formatted	3 in.	\$298, w/o controller	C-26
	FDD5-A	250K bytes, formatted	5 1/4 in.	\$298, w/o controller	C-26
Trak Microcomputer Corp.	AT-D2 SINGLE DENSITY	250K bytes, unformatted	5 1/4 in.	\$450, w/o controller	C-26
Wang Laboratories, Inc.	2270A-1	250K bytes, unformatted	8 in.	\$3,200, w/o controller	C-27
World Storage Technology	FDD111-5	250K bytes, formatted	5 1/4 in.	\$350, w/o controller	C-27
Control Data Corp.	CERTAINTY 210 SERIES	246K bytes, unformatted	8 in.	\$2,950, w/o controller	C-22
Nixdorf Computer Corp.	8540	243K bytes, unformatted	8 in.	\$1,825, w/o controller	C-24
Dictaphone Corp.	6430	237K bytes, unformatted	5 1/4 in.	N/A	C-22
Micro-Sci	A-82	230K bytes, unformatted	5 1/4 in.	\$569, w/o controller	C-23
Western Telematic, Inc.	MINI MATE-III-204K	204K bytes, unformatted	5 1/4 in.	\$1,475, w/o controller	C-27
Aerocomp, Inc.	APPLE COMPATIBLE	200K bytes, formatted	5 1/4 in.	\$279, w/o controller	C-21
Techtran Industries, Inc.	981	200K bytes, formatted	5 1/4 in.	\$1,485, w/o controller	C-26
	981	200K bytes, formatted	5 1/4 in.	\$1,985, w/o controller	C-26
Tandy Corp.	TRS-80 2611-64	186K bytes, unformatted	5 1/4 in.	\$449, w/o controller	C-25
Trak Microcomputer Corp.	AT-D2	176K bytes, unformatted	5 1/4 in.	\$499, w/o controller	C-26
Commodore	CBM 2031	170K bytes, formatted	5 1/4 in.	\$595, w/o controller	C-22
Micro-Sci	A-40	164K bytes, unformatted	5 1/4 in.	\$379, w/o controller	C-23
	PRO-40	164K bytes, unformatted	5 1/4 in.	\$299, w/o controller	C-24
Standun Controls, Inc.	MICRO-SCI-A40	164K bytes, unformatted	5 1/4 in.	\$379, w/o controller	C-25
Western Telematic, Inc.	DATA MATE-II-164K	164K bytes, unformatted	5 1/4 in.	\$1,995, w/o controller	C-27
Rana Systems	ELITE ONE	163K bytes, formatted	5 1/4 in.	\$285, w/o controller	C-24
R-G-B Designs, Inc.	MINI TAUR	163K bytes, unformatted	5 1/4 in.	\$350, w/o controller	C-24

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
R-G-B Designs, Inc.	MINI TAUR II	163K bytes, unformatted	5 1/4 in.	\$359, w/o controller	C-24
	TAUR II	163K bytes, unformatted	5 1/4 in.	\$300, w/o controller	C-24
Trak Microcomputer Corp.	PI-2	163K bytes, unformatted	5 1/4 in.	N/A	C-26
Quantin Research, Inc.	AP-100	160K bytes, unformatted	5 1/4 in.	\$335, w/o controller	C-24
Franklin Computer Corp.	ACE 10	143K bytes, unformatted	5 1/4 in.	\$399, w/o controller	C-23
Lobo Systems, Inc.	3101	143K bytes, unformatted	5 1/4 in.	\$385, w/o controller	C-23
	3101-I	143K bytes, unformatted	5 1/4 in.	\$455, w/o controller	C-23
Micro-Sci.	A-2	143K bytes, unformatted	5 1/4 in.	\$345, w/o controller	C-23
	A-3	143K bytes, unformatted	5 1/4 in.	\$379, w/o controller	C-23
Standun Controls, Inc.	MICRO-SCI-A2	143K bytes, unformatted	5 1/4 in.	\$379, w/o controller	C-25
	MICRO-SCI-A3	143K bytes, unformatted	5 1/4 in.	\$379, w/o controller	C-25
	MICRO-SCI-6414	143K bytes, unformatted	5 1/4 in.	N/A	C-25
Trak Microcomputer Corp.	0510	143K bytes, unformatted	5 1/4 in.	\$300, w/o controller	C-26
	PI-1	143K bytes, unformatted	5 1/4 in.	\$299, w/o controller	C-26
Apple Computer, Inc.	DISK II	140K bytes, unformatted	5 1/4 in.	N/A	C-21
	DISK III	140K bytes, unformatted	5 1/4 in.	N/A	C-21
Aerocomp, Inc.	SINGLE SIDED FLIPPY	125K bytes, formatted	5 1/4 in.	\$239, w/o controller	C-21
	40 TRACK COMPLETE	125K bytes, formatted	5 1/4 in.	\$199, w/o controller	C-21
AM Electronics	6108-C	125K bytes, formatted	5 1/4 in.	\$390, w/o controller	C-21
Terminal Data Corp.	S452000/10	125K bytes, unformatted	5 1/4 in.	\$995, w/o controller	C-26
Zenith Data Systems	ZENITH 287 DUAL	100K bytes, unformatted	5 1/4 in.	\$999, w/o controller	C-27
Atari, Inc.	1050	88K bytes, unformatted	5 1/4 in.	\$450, w/o controller	C-22
Percom Data Corp.	AT-88 SI/A1/S2	88K bytes, unformatted	5 1/4 in.	\$749, w/o controller	C-24
Trak Microcomputer Corp.	AT-D1	88K bytes, unformatted	5 1/4 in.	\$499, w/o controller	C-26
	AT-1	88K bytes, unformatted	5 1/4 in.	\$429, w/o controller	C-26
Percom Data Corp.	TFD 340N2/340N2	31K bytes, unformatted	5 1/4 in.	\$1,099, w/o controller	C-24
Sony Comm. Products	OA-D31V	N/A	3 1/2 in.	\$340, w/o controller	C-25

Rigid Disk Drives

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Control Data Corp.	271-10	24.0G bytes, unformatted	14 in.	\$22,000, w/o controller	C-28
Wang Laboratories, Inc.	2280-3	604M bytes, unformatted	14 in.	\$21,000, w/o controller	C-28
Emulex Corp.	CDC-9775	675M bytes, formatted	14 in.	\$21,600, w/o controller	C-28
	M2351	474M bytes, formatted	14 in.	\$12,950, w/o controller	C-29
Hewlett-Packard Co.	7933H/7933G	404M bytes, unformatted	14 in.	\$25,000, w/o controller	C-29
	7935H	404M bytes, unformatted	14 in.	\$27,500, w/o controller	C-29
IBM	3330 MODEL 11	400M bytes, unformatted	14 in.	\$47,920, w/o controller	C-29
	3333 MODEL 11	400M bytes, unformatted	14 in.	\$56,450, w/o controller	C-29
Sperry Corp.	8490	358.4M bytes, unformatted	14 in.	\$75,000, w/o controller	C-29
Miltope Corp.	RDS4502 RIGID SYSTEM	320M bytes, formatted	8 in.	\$20,000, w/o controller	C-29
Century Data Systems, Inc.	TRIDENT T302	315.2M bytes, formatted	14 in.	\$13,900, w/o controller	C-28
	TRIDENT T306	315.2M bytes, formatted	14 in.	\$16,900, w/o controller	C-28
	TRIDENT T536	315.2M bytes, formatted	14 in.	\$16,000, w/o controller	C-28
	TRIDENT T300	312.1M bytes, formatted	14 in.	\$13,900, w/o controller	C-28
Ampex Corp.	DM-9300	312M bytes, formatted	14 in.	\$16,500, w/o controller	C-28
	DM-9000	300M bytes, formatted	14 in.	N/A	C-28
	DM-9300AQ	300M bytes, formatted	14 in.	N/A	C-28
Computer Automation, Inc.	45239-30	300M bytes, formatted	14 in.	\$22,100, w/o controller	C-28
Control Data Corp.	CDC 9766 SMD	300M bytes, formatted	14 in.	N/A	C-28
Emulex Corp.	CDC-9766	300M bytes, formatted	14 in.	\$14,920, w/o controller	C-29
Harris Corp.	5650	300M bytes, unformatted	14 in.	\$19,500, w/o controller	C-29
System Industries, Inc.	9766	300M bytes, formatted	14 in.	N/A	C-29
Telefile Computer Products	T3283	300M bytes, formatted	5 1/4 in.	\$22,000, w/o controller	C-29
Data General Corp.	6122	277M bytes, unformatted	14 in.	\$43,350, w/o controller	C-28
Wang Laboratories, Inc.	6565	275M bytes, unformatted	8 in.	\$34,000, w/o controller	C-29
Datapoint Corp.	9397	270M bytes, unformatted	14 in.	\$31,950, w/o controller	C-28
Digital Equipment Corp.	RM05	256M bytes, unformatted	14 in.	\$34,000, w/o controller	C-28
Honeywell, Inc.	MSU 9804	256M bytes, unformatted	14 in.	N/A	C-29
Burroughs Corp.	B9484-12	252M bytes, unformatted	14 in.	N/A	C-28
Control Data Corp.	CERTAINTY 270-30 SMD	240M bytes, unformatted	14 in.	N/A	C-28
Century Data Systems, Inc.	TRIDENT T202	210.1M bytes, formatted	14 in.	\$12,500, w/o controller	C-28
	TRIDENT T200	208.1M bytes, formatted	14 in.	\$12,500, w/o controller	C-28
Memorex Corp.	677-70	206M bytes, formatted	14 in.	\$10,500, w/o controller	C-29
Digital Equipment Corp.	RA60	205M bytes, unformatted	10 1/2 in.	\$15,000, w/o controller	C-28
Datapoint Corp.	9331	202M bytes, unformatted	14 in.	\$17,000, w/o controller	C-28
IBM	3330 MODEL 1,2	200M bytes, unformatted	14 in.	\$33,670, w/o controller	C-30
	3333 MODEL 1	200M bytes, unformatted	14 in.	\$42,200, w/o controller	C-30
Nixdorf Computer Corp.	8330-11	200M bytes, unformatted	14 in.	\$19,170, w/o controller	C-30
Data General Corp.	6061	190M bytes, unformatted	14 in.	\$35,900, w/o controller	C-29

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
NCR Corp.	658	182M bytes, unformatted	14 in.	\$24,650, w/o controller	C-30
Digital Equipment Corp.	RP06	176M bytes, unformatted	14 in.	\$39,140, w/o controller	C-30
Sperry Corp.	8430	174.1M bytes, unformatted	14 in.	\$19,000, w/o controller	C-30
Ampex Corp.	DM-9160	165.8M bytes, formatted	14 in.	\$10,370, w/o controller	C-29
	DM-900	160M bytes, formatted	14 in.	N/A	C-29
Control Data Corp.	CERTAINTY 280 SERIES CMC	155M bytes, unformatted	14 in.	\$14,040, w/o controller	C-29
Dicom Industries	DICOM 403	154M bytes, formatted	5 1/2 in.	\$10,000, w/o controller	C-29
Maxtor Corp.	XT1140	140M bytes, unformatted	5 1/2 in.	\$4,290, w/o controller	C-30
Burroughs Corp.	59484-51	130.4M bytes, unformatted	14 in.	N/A	C-29
Hewlett-Packard Co.	7925 M/S/H	120M bytes, unformatted	14 in.	\$22,050, w/o controller	C-30
Santa Clara Systems, Inc.	SABRINA	120M bytes, unformatted	8 in.	\$16,252, w/o controller	C-30
Maxtor Corp.	XT1105	105M bytes, unformatted	5 1/2 in.	\$3,340, w/o controller	C-30
Ball Corp.	BDA100/MOD II	100M bytes, formatted	14 in.	\$9,000, w/o controller	C-31
Ampex Corp.	SUPER DFR 996	97.7M bytes, unformatted	14 in.	N/A	C-30
Computer Automation, Inc.	45236-96	96M bytes, formatted	14 in.	\$15,000, w/o controller	C-31
Control Data Corp.	CDC 9448-96 CMD	96M bytes, formatted	14 in.	N/A	C-31
Motorola, Inc.	M68KDE96-1	96M bytes, formatted	14 in.	\$18,920, w/o controller	C-35
Wang Laboratories, Inc.	2280V-3	90M bytes, unformatted	14 in.	\$19,000, w/o controller	C-38
Sperry Corp.	8470	89.6M bytes, unformatted	14 in.	\$28,000, w/o controller	C-37
Ampex Corp.	DM-980	82.9M bytes, formatted	14 in.	\$9,370, w/o controller	C-30
Century Data Systems, Inc.	TRIDENT T82	82.9M bytes, formatted	14 in.	\$7,900, w/o controller	C-31
Control Data Corp.	CDC 9710 REMOVABLE	82.9M bytes, formatted	9 in.	N/A	C-31
Emulex Corp.	CDC-9710	82.9M bytes, formatted	8 in.	N/A	C-34
Century Data Systems, Inc.	TRIDENT T80	82.1M bytes, formatted	14 in.	\$7,900, w/o controller	C-31
NCR Corp.	6530	81M bytes, unformatted	14 in.	\$13,500, w/o controller	C-36
Wang Laboratories, Inc.	2280N-3	80.4M bytes, unformatted	14 in.	\$19,000, w/o controller	C-37
	6580-3	80.4M bytes, unformatted	14 in.	\$19,000, w/o controller	C-37
Ball Corp.	BDAB0/MOD I	80M bytes, formatted	14 in.	\$8,000, w/o controller	C-30
	BDAB0/MOD II	80M bytes, formatted	14 in.	\$8,300, w/o controller	C-31
	BDAB0/MOD III	80M bytes, formatted	14 in.	\$8,500, w/o controller	C-31
Computer Automation, Inc.	45014-00	80M bytes, formatted	14 in.	\$14,800, w/o controller	C-31
Control Data Corp.	CDC 9412 WINDSOR	80M bytes, formatted	8 in.	N/A	C-31
	CDC 9415-80 WREN	80M bytes, formatted	N/A	N/A	C-31
	CDC 9762 SMD	80M bytes, formatted	14 in.	N/A	C-32
	CDC-9762	80M bytes, formatted	14 in.	\$8,755, w/o controller	C-34
Emulex Corp.	9762	80M bytes, formatted	14 in.	N/A	C-37
System Industries, Inc.	T3288	80M bytes, formatted	5 1/2 in.	\$18,000, w/o controller	C-37
Telefile Computer Products	MODEL 2175	78M bytes, unformatted	14 in.	\$28,600, w/o controller	C-35
Mohawk Data Sciences Corp.	6324	78M bytes, unformatted	14 in.	\$22,700, w/o controller	C-36
Nixdorf Computer Corp.	2285V-1	75M bytes, unformatted	14 in.	\$17,000, w/o controller	C-37
Wang Laboratories, Inc.	3340 A2/B1/B2	69.8M bytes, unformatted	14 in.	\$8,600, w/o controller	C-34
IBM	RM02	67.4M bytes, unformatted	14 in.	\$22,500, w/o controller	C-34
Digital Equipment Corp.	RM03	67.4M bytes, unformatted	14 in.	\$22,500, w/o controller	C-34
Honeywell, Inc.	CDU 9636, 9638	67M bytes, unformatted	14 in.	\$16,000, w/o controller	C-34
Nixdorf Computer Corp.	6326	66M bytes, unformatted	14 in.	\$17,050, w/o controller	C-36
Ampex Corp.	SUPER DFR 964	65.1M bytes, formatted	14 in.	N/A	C-30
Maxtor Corp.	XT1085	65M bytes, unformatted	5 1/2 in.	\$2,390, w/o controller	C-35
Computer Automation, Inc.	45236-64	64M bytes, formatted	14 in.	\$13,000, w/o controller	C-31
Control Data Corp.	CDC 9448-64 CMD	64M bytes, formatted	14 in.	N/A	C-31
	CERTAINTY 270-10 & 270-20	63M bytes, unformatted	14 in.	\$17,915, w/o controller	C-32
Texas Instruments, Inc.	DS 80	62.7M bytes, unformatted	N/A	N/A	C-37
Wang Laboratories, Inc.	2280V-2	60M bytes, unformatted	14 in.	\$18,000, w/o controller	C-38
Century Data Systems, Inc.	TRIDENT T50	54.7M bytes, formatted	14 in.	\$7,000, w/o controller	C-31
Wang Laboratories, Inc.	6580-2	53.6M bytes, unformatted	14 in.	\$18,000, w/o controller	C-38
Amodyne, Inc.	ARAPAH0 7110	53.2M bytes, formatted	8 in.	\$4,550, w/o controller	C-30
Core, Inc.	CORE 5117	53M bytes, unformatted	8 in.	\$12,990, w/o controller	C-32
Vermont Research Corp.	5017	52M bytes, unformatted	14 in.	\$11,000, w/o controller	C-37
Ball Corp.	BDAS0/MOD II	50M bytes, formatted	14 in.	\$6,900, w/o controller	C-30
	BDAS0/MOD I	50M bytes, formatted	14 in.	\$6,700, w/o controller	C-30
CVM Systems, Inc.	R-50	50M bytes, formatted	14 in.	\$4,400, w/o controller	C-32
Hewlett-Packard Co.	7920 M/S/H	50M bytes, unformatted	14 in.	\$19,000, w/o controller	C-34
Motorola, Inc.	M68KDE50-1	50M bytes, formatted	8 in.	\$12,920, w/o controller	C-35
Wang Laboratories, Inc.	2280-2	40.6M bytes, unformatted	14 in.	\$20,000, w/o controller	C-38
Astronautics Corp. of America	SMD DRIVE	40M bytes, unformatted	14 in.	N/A	C-30
Control Data Corp.	CDC 9760 SMD	40M bytes, formatted	14 in.	N/A	C-31
Datapoint Corp.	9310	40M bytes, unformatted	11 in.	\$7,850, w/o controller	C-32
	9320	40M bytes, unformatted	11 in.	\$7,850, w/o controller	C-32
Onyx & IMI, Inc.	5840R	40M bytes, unformatted	5 1/2 in.	\$10,900, w/o controller	C-36
Nixdorf Computer Corp.	6323	39M bytes, unformatted	14 in.	\$16,500, w/o controller	C-36
Athenaeum Technology, Inc.	AEGIS 10/10	38.2M bytes, formatted	5 1/2 in.	\$1,300, w/o controller	C-30
Sperry Corp.	8433	34.3M bytes, unformatted	14 in.	\$27,000, w/o controller	C-37
Nixdorf Computer Corp.	6325	33M bytes, unformatted	14 in.	\$14,050, w/o controller	C-36
	8845/4	33M bytes, formatted	14 in.	N/A	C-36
Ampex Corp.	SUPER DFR 932	32.5M bytes, formatted	14 in.	\$7,570, w/o controller	C-30
Computer Automation, Inc.	45236-32	32M bytes, formatted	14 in.	\$11,000, w/o controller	C-31
Control Data Corp.	CDC 9448-32 CMD	32M bytes, formatted	14 in.	N/A	C-31
Motorola, Inc.	M68KHDE32-1	32M bytes, formatted	14 in.	\$12,920, w/o controller	C-35
Data Systems Design, Inc.	DS8 890	31.2M bytes, unformatted	8 in.	\$10,300, w/o controller	C-32

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Data Systems Design, Inc.	DS5 880	31M bytes, unformatted	8 in.	N/A	C-32
VR Data Corp.	HARD DISK 3 DUAL 15M	30M bytes, formatted	5 1/4 in.	\$2,295, w/o controller	C-37
Wang Laboratories, Inc.	2280V-1	30M bytes, unformatted	14 in.	\$17,000, w/o controller	C-38
Renaissance Marketing, Inc.	DD4314-1	29M bytes, formatted	N/A	\$700, w/o controller	C-36
Wang Laboratories, Inc.	2280-1	26.8M bytes, unformatted	14 in.	\$19,000, w/o controller	C-38
	2280N-1	26.8M bytes, unformatted	14 in.	\$17,000, w/o controller	C-38
	6580-1	26.8M bytes, unformatted	14 in.	\$17,000, w/o controller	C-38
Nixdorf Computer Corp.	6322	26M bytes, unformatted	14 in.	\$12,520, w/o controller	C-36
Perfec Computer Corp.	D3000 EXTENSION	24M bytes, formatted	14 in.	\$6,280, w/o controller	C-36
PolyMorphic Systems	HD184	23M bytes, formatted	3 9/16 in.	\$5,995, w/o controller	C-36
Cynthia Peripheral Corp.	D-520	21M bytes, unformatted	5 1/4 in.	\$3,150, w/o controller	C-32
Cipher Data Products	VANGUARD-3	20M bytes, unformatted	14 in.	\$6,000, w/o controller	C-31
Dictaphone Corp.	6620	20M bytes, unformatted	5 1/4 in.	N/A	C-32
Genie Computer Corp.	GENIE 5-10-15-20	20M bytes, unformatted	5 1/4 in.	\$3,195, w/o controller	C-34
Innovative Data Technology	R-120	20M bytes, unformatted	5 1/4 in.	N/A	C-35
Mohawk Data Sciences Corp.	MODEL 2174	20M bytes, unformatted	14 in.	\$11,900, w/o controller	C-35
Onyx & IMI, Inc.	5820R	20M bytes, unformatted	5 1/4 in.	\$10,400, w/o controller	C-36
Sania Clara Systems, Inc.	MINI MEGA	20M bytes, unformatted	3 9/16 in.	\$2,295 to \$5,056, w/o controller	C-36
Vermont Research Corp.	8010	20M bytes, unformatted	N/A	\$2,725, w/o controller	C-37
Datamac Peripheral Products	HARD DISK 3 (DUAL 10MB)	20M bytes, formatted	5 1/4 in.	\$1,599, w/o controller	C-37
Hawlett-Packard Co.	7906 M/S/MR/SR/H/HR	19.6M bytes, unformatted	14 in.	\$13,000, w/o controller	C-34
Memorex Corp.	415	19.2M bytes, formatted	5 1/4 in.	\$1,980, w/o controller	C-35
Distron, Inc.	D519	19.1M bytes, formatted	8 in.	\$775, w/o controller	C-34
Datamac Peripheral Products	DD18	18M bytes, formatted	5 1/4 in.	\$2,895, w/o controller	C-32
Control Data Corp.	CDC 9445 LARK	16M bytes, unformatted	8 in.	\$2,345, w/o controller	C-31
Motorola, Inc.	M68KHDE16-1	16M bytes, formatted	8 in.	\$7,500, w/o controller	C-35
	MLD-16	16M bytes, formatted	8 in.	\$7,500, w/o controller	C-35
Memorex Corp.	410	12.8M bytes, formatted	5 1/4 in.	\$1,800, w/o controller	C-35
Datamac Peripheral Products	DD12	12M bytes, formatted	N/A	\$2,295, w/o controller	C-32
Perfec Computer Corp.	D3000	12M bytes, formatted	14 in.	\$5,275, w/o controller	C-36
Professional Micro Systems	PMS 12	12M bytes, formatted	5 1/4 in.	\$2,695, w/o controller	C-36
Fujitsu America, Inc.	M2301	11.9M bytes, formatted	8 in.	N/A	C-34
Core, Inc.	CORE 5115	10.6M bytes, unformatted	8 in.	\$6,995, w/o controller	C-32
Digital Equipment Corp.	RL02	10.4M bytes, unformatted	14 in.	\$3,000, w/o controller	C-34
Wang Laboratories, Inc.	MVP-P3	10.2M bytes, unformatted	5 1/4 in.	\$11,125, w/o controller	C-38
	MVP-P2	10.1M bytes, unformatted	5 1/4 in.	\$8,725, w/o controller	C-38
Cynthia Peripheral Corp.	D-120	10M bytes, unformatted	10 1/2 in.	\$2,000, w/o controller	C-32
DMA Systems Corp.	D-140	10M bytes, unformatted	10 1/2 in.	\$3,100, w/o controller	C-32
Midwest Scientific	MICRO-MAGNUM 5/5	10M bytes, unformatted	5 1/4 in.	\$2,200, w/o controller	C-34
Onyx & IMI, Inc.	HD-8	10M bytes, formatted	14 in.	\$9,000, w/o controller	C-35
Vermont Research Corp.	5810R	10M bytes, unformatted	5 1/4 in.	\$9,500, w/o controller	C-36
VR Data Corp.	8520	10M bytes, unformatted	N/A	\$3,180, w/o controller	C-37
Wang Laboratories, Inc.	HARD DISK 3 (DUAL 5MB)	10M bytes, formatted	5 1/4 in.	\$1,590, w/o controller	C-37
	6560A	10M bytes, unformatted	8 in.	\$9,000, w/o controller	C-38
Western Dynex Corp.	SERIES 6000	10M bytes, unformatted	14 in.	\$2,100, w/o controller	C-38
NCR Corp.	656/6560	9.8M bytes, unformatted	14 in.	\$10,500, w/o controller	C-38
	656	9.8M bytes, unformatted	14 in.	\$5,000, w/o controller	C-38
Digital Development Corp.	9100	9.6M bytes, formatted	12 in.	N/A	C-34
	A7310	6.7M bytes, unformatted	12 in.	N/A	C-34
Syquest Technology, Inc.	XQ306R	6.3M bytes, unformatted	3 9/16 in.	\$995, w/o controller	C-37
Rodimo Corp.	RO351	6.3M bytes, unformatted	3 1/2 in.	\$950, w/o controller	C-36
Datamac Peripheral Products	DD6	6M bytes, formatted	5 1/4 in.	\$1,995, w/o controller	C-32
Distron, Inc.	D514	5.7M bytes, formatted	5 1/4 in.	\$655, w/o controller	C-34
Datracon	601B	5.5M bytes, formatted	9 in.	\$7,500, w/o controller	C-32
Digital Equipment Corp.	RL01	5.2M bytes, formatted	14 in.	\$3,000, w/o controller	C-34
DMA Systems Corp.	MICRO-MAGNUM 5R	5M bytes, unformatted	5 1/4 in.	\$2,000, w/o controller	C-34
Genie Computer Corp.	GENIE X5	5M bytes, unformatted	5 1/4 in.	\$2,295, w/o controller	C-34
Nixdorf Computer Corp.	8840/5	5M bytes, unformatted	14 in.	N/A	C-36
Tecmar, Inc.	CAR SHARE EXPANSION	5M bytes, unformatted	3 9/16 in.	\$2,695, w/o controller	C-37
Wang Laboratories, Inc.	6560B	5M bytes, unformatted	8 in.	\$9,000, w/o controller	C-38
Western Dynex Corp.	WD505	5M bytes, unformatted	5 1/4 in.	\$495, w/o controller	C-38
IBM	5022 MODEL 1	4.9M bytes, unformatted	14 in.	\$11,040, w/o controller	C-35
	5022 MODEL 2	4.9M bytes, unformatted	14 in.	\$12,060, w/o controller	C-35
Digital Development Corp.	60	4.8M bytes, formatted	12 in.	N/A	C-32
	750	4.8M bytes, formatted	14 in.	N/A	C-32
	M6000	4.8M bytes, formatted	12 in.	N/A	C-35
Datracon	601A	2.8M bytes, formatted	9 in.	\$5,000, w/o controller	C-32
Mohawk Data Sciences Corp.	MODEL 2172	2.5M bytes, unformatted	14 in.	\$7,712, w/o controller	C-35
IBM	5322	1.1M bytes, unformatted	8 in.	N/A	C-35
Wang Laboratories, Inc.	2285V-3	640K bytes, unformatted	14 in.	\$38,000, w/o controller	C-38

Disk Drive Index

Winchester Disk Drives

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Control Data Corp.	CDC 33800 DIRECT	2,520M bytes, formatted	14 in.	\$93,000, w/o controller	C-39
National Advanced Systems	NAS 7380	2,520M bytes, unformatted	14 in.	N/A	C-39
Delta Systems, Inc.	HP/D SERIES	2,500M bytes, formatted	14 in.	N/A	C-39
NCR Corp.	6550	1,920M bytes, unformatted	14 in.	\$50,000, w/o controller	C-39
Control Data Corp.	CDC 33750 DIRECT	1,630M bytes, formatted	14 in.	\$83,000, w/o controller	C-39
Ibis Systems, Inc.	IBIS 1400	1,409M bytes, formatted	14 in.	\$66,000, w/o controller	C-39
Interscience Systems, Inc.	CDC	1,270M bytes, formatted	14 in.	\$53,000, w/o controller	C-39
IBM	STC	1,270M bytes, formatted	14 in.	\$53,000, w/o controller	C-39
Storage Technology Corp.	3380 A/A/A/B4	1,260 M bytes, unformatted	14 in.	\$98,640, w/o controller	C-39
Control Data Corp.	8380	1,260M bytes, formatted	14 in.	\$70,170, w/o controller	C-39
	CDC 33502 DIRECT	1,200M bytes, formatted	14 in.	\$59,000, w/o controller	C-39
Quallex Technology	CDC 9771 EMD	825M bytes, formatted	14 in.	N/A	C-39
IBM	4622	820M bytes, unformatted	10½ in.	\$45,250, w/o controller	C-39
Control Data Corp.	3375 A1/B1/D1	819.7M bytes, unformatted	14 in.	\$38,040, w/o controller	C-39
Harris Corp.	CDC 9775 FMD	679M bytes, formatted	14 in.	N/A	C-41
	5662	675M bytes, formatted	5½ in.	\$31,950, w/o controller	C-41
System Industries, Inc.	HARRIS 5600	675M bytes, unformatted	5½ in.	\$32,000, w/o controller	C-41
Storage Technology Corp.	8775	675M bytes, formatted	14 in.	N/A	C-42
Telefile Computer Products	7775	673M bytes, unformatted	14 in.	N/A	C-42
Toshiba America, Inc.	T3285	673M bytes, formatted	N/A	\$95,000, w/o controller	C-42
Memorex Corp.	MK182F	662M bytes, unformatted	N/A	N/A	C-42
National Advanced Systems	3652	635M bytes, unformatted	14 in.	N/A	C-41
Storage Technology Corp.	NAS 7360	635M bytes, unformatted	14 in.	N/A	C-41
NEC Information Systems	8650	635M bytes, formatted	14 in.	\$51,355, w/o controller	C-42
Prime Computer, Inc.	D1550	630M bytes, formatted	14 in.	\$13,500, w/o controller	C-42
Data General Corp.	PRIME 4490	607M bytes, unformatted	14 in.	N/A	C-42
Quallex Technology	6214	602M bytes, unformatted	14 in.	\$50,000, w/o controller	C-41
IBM	3651	600M bytes, unformatted	14 in.	\$36,500, w/o controller	C-42
Burroughs Corp.	3370 A1/B1/A11/B11	571.3M bytes, unformatted	14 in.	\$35,480, w/o controller	C-41
Control Data Corp.	B9494-5	542M bytes, unformatted	14 in.	N/A	C-39
Digital Equipment Corp.	CDC 9715 FSD-500	516M bytes, formatted	9 in.	N/A	C-41
Century Data Systems, Inc.	RP07	516M bytes, unformatted	14 in.	\$43,140, w/o controller	C-41
Digital Equipment Corp.	MARKSMAN AMS S13	513.7M bytes, formatted	14 in.	\$11,400, w/o controller	C-41
Quallex Technology	RP20	483.4M bytes, unformatted	14 in.	N/A	C-41
Fujitsu America, Inc.	3641	480M bytes, unformatted	14 in.	\$32,500, w/o controller	C-42
Harris Corp.	M2351	474.2M bytes, formatted	10½ in.	N/A	C-41
System Industries, Inc.	5360	474M bytes, formatted	10½ in.	\$19,000, w/o controller	C-41
National Memory System	9751	474M bytes, formatted	10½ in.	N/A	C-42
Digital Equipment Corp.	NMS04	470M bytes, formatted	10½ in.	\$9,500, w/o controller	C-42
Quallex Technology	RA81	456M bytes, unformatted	10½ in.	\$19,000, w/o controller	C-41
Applied Peripheral Systems	4611	410M bytes, unformatted	10½ in.	\$24,950, w/o controller	C-42
Burroughs Corp.	4830-2	404.5M bytes, formatted	14 in.	\$9,425, w/o controller	C-39
Fujitsu America, Inc.	4835-2	404.5M bytes, formatted	14 in.	\$9,425, w/o controller	C-39
Control Data Corp.	B9494-41	402M bytes, unformatted	14 in.	N/A	C-39
Applied Peripheral Systems	M2294	355.5M bytes, formatted	14 in.	N/A	C-41
National Memory System	CDC 9715 FSD-340	344M bytes, formatted	9 in.	N/A	C-41
Tecstar, Inc.	4830-1	337.1M bytes, formatted	14 in.	\$8,671, w/o controller	C-39
Amper Corp.	4835-1	337.1M bytes, formatted	14 in.	\$8,671, w/o controller	C-39
IBM	NMS03	335M bytes, formatted	14 in.	\$8,500, w/o controller	C-41
Memorex Corp.	SERIES III-332	332M bytes, formatted	14 in.	\$5,700, w/o controller	C-42
NEC Information Systems	CAPRICORN 330	330.3M bytes, formatted	14 in.	N/A	C-39
Storage Technology Corp.	3350 A2/B2/C2	317.5M bytes, unformatted	14 in.	\$53,340, w/o controller	C-41
Century Data Systems, Inc.	3650	317M bytes, unformatted	14 in.	\$9,800, w/o controller	C-42
Tecstar, Inc.	D1510	317M bytes, formatted	N/A	\$32,240, w/o controller	C-42
Disc Tech One, Inc.	8350	317M bytes, unformatted	14 in.	\$37,235, w/o controller	C-42
Texas Instruments, Inc.	8360	315.2M bytes, formatted	14 in.	\$10,500, w/o controller	C-39
Northern Telecom, Inc.	SERIES III-315	315M bytes, formatted	14 in.	\$5,600, w/o controller	C-42
Micropolis Corp.	4300	301M bytes, formatted	14 in.	\$6,000, w/o controller	C-41
Tecstar, Inc.	3344 B2/B2F	279.5M bytes, unformatted	14 in.	\$19,460, w/o controller	C-41
Northern Telecom, Inc.	DS 300	239.3M bytes, unformatted	14 in.	N/A	C-42
Memorex Corp.	MERCURY MFD/8210	214M bytes, unformatted	N/A	\$6,590, w/o controller	C-42
NEC Information Systems	MV212	212M bytes, formatted	8 in.	\$6,020, w/o controller	C-41
Storage Technology Corp.	1400 ANSI	200M bytes, formatted	8 in.	N/A	C-44
Control Data Corp.	SERIES III-199	199M bytes, formatted	14 in.	\$5,000, w/o controller	C-44
Amper Corp.	MERCURY MFD/8208	171M bytes, unformatted	N/A	\$6,185, w/o controller	C-44
Dictaphone Corp.	M2284	168.6M bytes, formatted	14 in.	N/A	C-43
National Memory System	6601	168M bytes, unformatted	5½ in.	N/A	C-43
Tecstar, Inc.	NMS02	168M bytes, formatted	14 in.	\$6,500, w/o controller	C-44
Amper Corp.	SERIES III-165	165M bytes, formatted	14 in.	\$4,850, w/o controller	C-44
Control Data Corp.	CAPRICORN 165	165.9M bytes, formatted	14 in.	N/A	C-42
Emulex Corp.	CDC 9715 FSD	165.9M bytes, formatted	9 in.	N/A	C-43
	CDC-9715	165.9M bytes, formatted	8 in.	N/A	C-43

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Disc Tech One, Inc.	4160	165M bytes, formatted	14 in.	\$5,000, w/o controller	C-43
Kennedy Co.	5160	165M bytes, formatted	14 in.	\$5,750, w/o controller	C-43
Century Data Systems, Inc.	MARKSMAN M160	161M bytes, formatted	14 in.	\$8,560, w/o controller	C-43
Control Data Corp.	CDC 9730-160 MMD	160M bytes, formatted	14 in.	N/A	C-43
Emulex Corp.	CDC-9730-160	160M bytes, unformatted	14 in.	\$8,985, w/o controller	C-43
	M2254	160M bytes, formatted	14 in.	\$7,900, w/o controller	C-43
Micropolis Corp.	1400 SMD	160M bytes, formatted	8 in.	N/A	C-44
System Industries, Inc.	9784	160M bytes, formatted	14 in.	N/A	C-44
Priam Corp.	15450	158M bytes, formatted	14 in.	\$3,440, w/o controller	C-44
Star Technologies	DART SUBSYSTEM	158M bytes, unformatted	14 in.	\$9,900, w/o controller	C-44
Prime Computer, Inc.	PRIME 4480	151M bytes, unformatted	14 in.	N/A	C-44
Micropolis Corp.	1420 Mil.	148M bytes, formatted	8 in.	N/A	C-44
Data General Corp.	6161	147M bytes, unformatted	14 in.	\$24,000, w/o controller	C-43
Prime Computer, Inc.	PRIME 4650	144M bytes, unformatted	14 in.	N/A	C-44
Harris Corp.	5350	143.8M bytes, formatted	5 1/4 in.	\$12,500, w/o controller	C-43
	5352	143.8M bytes, formatted	5 1/4 in.	\$12,500, w/o controller	C-43
Nestar Systems, Inc.	122 PLAN 4000	137M bytes, unformatted	14 in.	\$14,000, w/o controller	C-44
NCR Corp.	6540	135M bytes, unformatted	14 in.	\$10,800, w/o controller	C-44
Toshiba America, Inc.	MK186F	132.4M bytes, unformatted	8 in.	N/A	C-44
Hewlett-Packard Co.	7914 P/R	132M bytes, unformatted	14 in.	\$19,500, w/o controller	C-43
Megavault	MVP132	132M bytes, formatted	8 in.	N/A	C-43
Nixdorf Computer Corp.	8310-11	129M bytes, unformatted	14 in.	\$10,320, w/o controller	C-44
Microdata Corp.	REFLEX-2	128.7M bytes, unformatted	14 in.	\$17,900, w/o controller	C-43
Alpha Data, Inc.	ATLAS	128M bytes, formatted	14 in.	\$6,500, w/o controller	C-42
Northern Telecom, Inc.	MERCURY MFD/8206	128M bytes, unformatted	8 in.	\$5,625, w/o controller	C-44
Control Data Corp.	CERTAINTY 231 SERIES	126.4M bytes, unformatted	14 in.	\$11,600, w/o controller	C-43
	CERTAINTY 241 SERIES	126.4M bytes, unformatted	8 in.	\$18,100, w/o controller	C-43
Digital Equipment Corp.	RA80/RM80	121M bytes, unformatted	10 1/2 in.	\$14,000, w/o controller	C-43
Central Data Corp.	D3012	120M bytes, unformatted	8 in.	\$14,500, w/o controller	C-43
Cynthia Peripheral Corp.	D-160	120M bytes, unformatted	10 1/2 in.	\$4,000, w/o controller	C-43
Megavault	MV116	116M bytes, formatted	8 in.	\$5,020, w/o controller	C-43
Priam Corp.	804	105M bytes, formatted	8 in.	\$3,150, w/o controller	C-44
Star Technologies	DART SUBSYSTEM	105M bytes, unformatted	8 in.	\$9,000, w/o controller	C-44
Dictaphone Corp.	6651	100M bytes, unformatted	5 1/4 in.	N/A	C-47
Nixdorf Computer Corp.	8330-1	100M bytes, unformatted	14 in.	\$10,105, w/o controller	C-49
Tecator, Inc.	SERIES III-100	100M bytes, formatted	14 in.	\$4,500, w/o controller	C-51
Toshiba America, Inc.	MK184F	92.7M bytes, unformatted	8 in.	N/A	C-51
Northern Telecom, Inc.	MERCURY MFD/8204	86M bytes, unformatted	8 in.	\$4,985, w/o controller	C-49
NEC Information Systems	D2246	85M bytes, formatted	8 in.	\$2,200, w/o controller	C-49
Quantum Corp.	Q2080	85M bytes, unformatted	8 in.	\$3,865, w/o controller	C-50
Fujitsu America, Inc.	M2312	84.4M bytes, formatted	8 in.	N/A	C-47
	M2280	84.3M bytes, formatted	14 in.	N/A	C-47
Chislin Industries, Inc.	CL-1280-WW	84M bytes, unformatted	8 in.	\$8,995, w/o controller	C-45
Dictaphone Corp.	6680	84M bytes, unformatted	5 1/4 in.	N/A	C-47
Memorex Corp.	214	84M bytes, formatted	8 in.	\$3,675, w/o controller	C-48
National Memory System	NMS01	84M bytes, unformatted	8 in.	\$7,000, w/o controller	C-49
Megavault	MV83	83M bytes, formatted	8 in.	\$4,610, w/o controller	C-48
Tecator, Inc.	SERIES III-83	83M bytes, formatted	14 in.	\$4,400, w/o controller	C-51
Kennedy Co.	5380	82.9M bytes, formatted	14 in.	\$4,595, w/o controller	C-48
	7380	82.9M bytes, formatted	8 in.	\$3,995, w/o controller	C-48
Burroughs Corp.	B9493-90	80M bytes, unformatted	14 in.	N/A	C-45
Century Data Systems, Inc.	MARKSMAN M80	80M bytes, formatted	14 in.	\$5,030, w/o controller	C-45
Control Data Corp.	CDC 9410-8 FINCH	80M bytes, formatted	8 in.	\$2,050, w/o controller	C-45
	CDC 9730-80 MMD	80M bytes, formatted	14 in.	N/A	C-45
	CDC 9730-80A MMD	80M bytes, unformatted	14 in.	N/A	C-45
CVM Systems, Inc.	M80-F	80M bytes, formatted	8 in.	\$5,800, w/o controller	C-46
Innovative Data Technology	F-480	80M bytes, unformatted	5 1/4 in.	N/A	C-47
Scientific Micro Systems	AFWT-11	80M bytes, formatted	8 in.	\$5,000, w/o controller	C-50
Century Data Systems, Inc.	C2075	77.8M bytes, formatted	8 in.	\$4,525, w/o controller	C-45
Data General Corp.	6160	73M bytes, unformatted	14 in.	\$18,000, w/o controller	C-48
Harris Corp.	5330	72.5M bytes, formatted	5 1/4 in.	\$6,500, w/o controller	C-47
Professional Micro Systems	PMS 72	72M bytes, formatted	5 1/4 in.	\$5,995, w/o controller	C-50
Vertex	V170	72M bytes, formatted	5 1/4 in.	N/A	C-51
Memorex Corp.	514	70M bytes, formatted	5 1/4 in.	\$2,210, w/o controller	C-48
Priam Corp.	7050	70M bytes, formatted	8 in.	\$2,450, w/o controller	C-50
U.S. Design Corp.	CSS 870	70M bytes, unformatted	8 in.	\$8,000, w/o controller	C-51
Priam Corp.	6650	68M bytes, formatted	14 in.	\$2,235, w/o controller	C-49
Star Technologies	DART SUBSYSTEM	68M bytes, unformatted	8 in.	\$7,500, w/o controller	C-50
Cyberchron Corp.	CHD 11-80	67M bytes, unformatted	8 in.	\$7,955, w/o controller	C-48
Hewlett-Packard Co.	7312 P/R	65.6M bytes, unformatted	14 in.	\$17,000, w/o controller	C-47
IDM	3310 A1/A2/B1/B2	64.5M bytes, unformatted	210 mm	\$11,570, w/o controller	C-47
Megavault	MV82	62M bytes, formatted	8 in.	\$4,130, w/o controller	C-48
Prime Computer, Inc.	PRIME 4640	62M bytes, unformatted	14 in.	N/A	C-50
Central Data Corp.	D3006	60M bytes, unformatted	8 in.	\$8,355, w/o controller	C-45
	D4004	60M bytes, unformatted	8 in.	\$10,800, w/o controller	C-45
Innovative Data Technology	F-360	60M bytes, unformatted	5 1/4 in.	N/A	C-47
Nestar Systems, Inc.	112 PLAN 4000	60M bytes, unformatted	8 in.	\$10,000, w/o controller	C-49
3M Co.	8533	60M bytes, formatted	8 in.	\$5,200, w/o controller	C-51

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Cyberchron Corp.	CHD 11/60	56M bytes, unformatted	8 in.	\$7,995, w/o controller	C-46
	CHD-11/80	56M bytes, unformatted	8 in.	\$7,995, w/o controller	C-46
Onyx & IMI, Inc.	8760	55.6M bytes, unformatted	8 in.	N/A	C-49
Sperry Corp.	8450	54M bytes, unformatted	14 in.	\$30,000, w/o controller	C-50
Professional Micro Systems	PMS 54	54M bytes, formatted	5 1/4 in.	\$4,995, w/o controller	C-50
Rodime Corp.	RO208	53.3M bytes, formatted	5 1/4 in.	N/A	C-50
Micropolis Corp.	1304	51.9M bytes, formatted	5 1/4 in.	\$1,450, w/o controller	C-48
Evotek Corp.	ET-5840	51.6M bytes, formatted	5 1/4 in.	\$3,175, w/o controller	C-47
Vertex	V150	51.4M bytes, formatted	5 1/4 in.	\$2,350, w/o controller	C-51
Control Data Corp.	CDC 9457 LARK	50M bytes, formatted	8 in.	N/A	C-46
Dictaphone Corp.	6650	50M bytes, unformatted	5 1/4 in.	N/A	C-47
Memorex Corp.	513	50M bytes, formatted	5 1/4 in.	\$1,820, w/o controller	C-48
Fujitsu America, Inc.	M2311	48.2M bytes, formatted	8 in.	N/A	C-47
MegaVault	MV48	48M bytes, formatted	8 in.	\$4,200, w/o controller	C-48
Fujitsu America, Inc.	M2303	47.5M bytes, formatted	8 in.	N/A	C-47
Disctron, Inc.	DP400	46.4M bytes, formatted	8 in.	\$1,540, w/o controller	C-47
Atari Corp.	3046	46.3M bytes, formatted	5 1/4 in.	\$3,800, w/o controller	C-45
PH-Associates, Inc.	MARK 46	46M bytes, formatted	5 1/4 in.	\$4,416, w/o controller	C-49
Micropolis Corp.	1223	45M bytes, formatted	8 in.	\$2,360, w/o controller	C-48
Miltope Corp.	RDS4502	45M bytes, formatted	8 in.	\$40,000, w/o controller	C-48
Micropolis Corp.	1203 ANSI	44.8M bytes, formatted	8 in.	\$2,080, w/o controller	C-48
Cyber Data Corp.	WAVE80	44M bytes, unformatted	8 in.	\$6,000, w/o controller	C-48
MegaVault	MV44	44M bytes, formatted	8 in.	\$3,820, w/o controller	C-48
Texas Instruments, Inc.	WD 800/43	43.2M bytes, unformatted	8 in.	N/A	C-51
Northern Telecom, Inc.	MERCURY MFD/8202	43M bytes, unformatted	8 in.	\$3,455, w/o controller	C-49
NEC Information Systems	D2230	42.5M bytes, formatted	8 in.	\$2,235, w/o controller	C-49
Core, Inc.	CORE 5116	42.4M bytes, unformatted	8 in.	\$8,695, w/o controller	C-46
Chrislin Industries, Inc.	CI-1240-WF	42M bytes, unformatted	8 in.	\$5,795, w/o controller	C-45
Kennedy Co.	7340	41.4M bytes, formatted	8 in.	\$3,200, w/o controller	C-48
Burroughs Corp.	B9493-40	40M bytes, unformatted	14 in.	N/A	C-45
Cameo Electronics, Inc.	SERIES 1000 PUMA	40M bytes, formatted	8 in.	\$6,985, w/o controller	C-45
Cardiff Technology, Inc.	D240	40M bytes, formatted	N/A	\$2,200, w/o controller	C-45
Central Data Corp.	D3004	40M bytes, unformatted	8 in.	\$7,900, w/o controller	C-45
	D4002	40M bytes, unformatted	5 1/4 in.	\$9,300, w/o controller	C-45
Century Data Systems, Inc.	MARKSMAN M40	40M bytes, formatted	14 in.	\$3,090, w/o controller	C-45
Computer Automation, Inc.	45261-15	40M bytes, formatted	8 in.	\$7,700, w/o controller	C-45
Computer Memories, Inc.	CM-6640	40M bytes, formatted	5 1/4 in.	\$1,800, w/o controller	C-45
Control Data Corp.	CDC 9410-40 FINCH	40M bytes, formatted	N/A	N/A	C-46
Data Systems Design, Inc.	DSD 770-40	40M bytes, unformatted	5 1/4 in.	N/A	C-46
Innovative Data Technology	F-240	40M bytes, unformatted	5 1/4 in.	\$2,750, w/o controller	C-47
Kennedy Co.	6173	40M bytes, formatted	8 in.	\$3,195, w/o controller	C-48
Micriscribe Corp.	5440	40M bytes, unformatted	5 1/4 in.	N/A	C-49
Quantum Corp.	Q540	40M bytes, formatted	5 1/4 in.	\$2,300, w/o controller	C-50
	Q2040	40M bytes, formatted	8 in.	\$3,315, w/o controller	C-50
Rodime Corp.	RO206	40M bytes, unformatted	5 1/4 in.	N/A	C-50
Wang Laboratories, Inc.	2280N-2	40M bytes, unformatted	14 in.	\$18,000, w/o controller	C-51
Toshiba America, Inc.	MK181F	39.7M bytes, unformatted	8 in.	N/A	C-51
Evotek Corp.	ET-5830	38.7M bytes, formatted	5 1/4 in.	\$2,775, w/o controller	C-47
Athenium Technology, Inc.	AEGIS 30	38.2M bytes, formatted	5 1/4 in.	\$1,300, w/o controller	C-45
Onyx & IMI, Inc.	7740	38.2M bytes, unformatted	8 in.	\$2,000, w/o controller	C-49
	8740	38.2M bytes, unformatted	8 in.	N/A	C-49
Control Data Corp.	CDC 9515-5 WREN	36M bytes, formatted	5 1/4 in.	N/A	C-46
Priam Corp.	3450	35M bytes, formatted	8 in.	\$1,950, w/o controller	C-49
U.S. Design Corp.	CSS 835	35M bytes, unformatted	8 in.	\$7,000, w/o controller	C-51
Micropolis Corp.	1303	34.6M bytes, formatted	5 1/4 in.	N/A	C-48
	1203 SA	34.3M bytes, formatted	8 in.	\$1,900, w/o controller	C-48
MegaVault	MV34	34M bytes, formatted	8 in.	N/A	C-48
Priam Corp.	3350	34M bytes, formatted	14 in.	\$1,900, w/o controller	C-49
Shugart Associates, Inc.	SA 106	33.9M bytes, formatted	8 in.	N/A	C-50
Atari Corp.	3033	33M bytes, formatted	5 1/4 in.	\$3,200, w/o controller	C-45
PH-Associates, Inc.	MARK 33	33M bytes, formatted	5 1/4 in.	\$3,750, w/o controller	C-49
Tecmar, Inc.	SHARE/33 EXPANSION	33M bytes, unformatted	5 1/4 in.	N/A	C-50
Univation, Inc.	HARD DISK	33M bytes, unformatted	5 1/4 in.	N/A	C-51
Control Data Corp.	CDC 9410-32 FINCH	32M bytes, formatted	5 1/4 in.	N/A	C-46
Davong Systems, Inc.	DS010-332	32M bytes, unformatted	5 1/4 in.	N/A	C-47
Evotek Corp.	ET-5540	31.2M bytes, formatted	5 1/4 in.	\$2,400, w/o controller	C-47
Quentin Research, Inc.	QA-531	31M bytes, unformatted	5 1/4 in.	\$3,195, w/o controller	C-50
Tandon Corp.	TM703	31M bytes, formatted	5 1/4 in.	N/A	C-50
IBM	5247 MODEL 012	30.8M bytes, unformatted	210mm	\$8,810, w/o controller	C-47
Vertex	V130	30.8M bytes, formatted	5 1/4 in.	\$1,850, w/o controller	C-51
Toshiba America, Inc.	MK80F-30	30.3M bytes, unformatted	8 in.	N/A	C-51
Central Data Corp.	D4001	30M bytes, unformatted	8 in.	\$8,050, w/o controller	C-45
CMC International	TARGA II	30M bytes, unformatted	5 1/4 in.	\$1,595, w/o controller	C-45
Memorex Corp.	5330	30M bytes, formatted	5 1/4 in.	\$1,430, w/o controller	C-48
Miniscribe Corp.	Q330	30M bytes, formatted	5 1/4 in.	N/A	C-49
Quantum Corp.	Q530	30M bytes, formatted	5 1/4 in.	\$2,000, w/o controller	C-50
	Q2030	30M bytes, formatted	8 in.	\$2,940, w/o controller	C-50

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Xebec	XEBEC-9730	30M bytes, unformatted	5 1/4 in.	\$4,000, w/controller	C-51
Shugart Associates, Inc.	SA4008	29M bytes, formatted	14 in.	N/A	C-50
Digital Equipment Corp.	RK07	28M bytes, unformatted	14 in.	\$13,000, w/o controller	C-47
Professional Micro Systems	PMS 27	27M bytes, formatted	5 1/4 in.	\$3,600, w/controller	C-50
Micropolis Corp.	1202 ANSI	26.8M bytes, formatted	8 in.	N/A	C-48
	1222	26.7M bytes, formatted	8 in.	N/A	C-48
Memorex Corp.	324	26.7M bytes, formatted	5 1/4 in.	N/A	C-48
Ampex Corp.	PYXIS 27	26.6M bytes, formatted	5 1/4 in.	N/A	C-44
Data Management Labs, Inc.	1040	26.2M bytes, unformatted	8 in.	\$9,200, w/controller	C-46
Apparat, Inc.	26 MB IBM HARD DISK	26M bytes, unformatted	5 1/4 in.	\$3,395, w/controller	C-44
	26 MB RADIO SHACK DISK	26M bytes, unformatted	5 1/4 in.	\$2,499, w/controller	C-44
Computer Memories, Inc.	CM-6426	26M bytes, formatted	5 1/4 in.	\$1,600, w/o controller	C-48
Megavault	MV26	26M bytes, formatted	8 in.	\$3,490, w/o controller	C-47
Evotek Corp.	ET-5820	25.8M bytes, formatted	5 1/4 in.	\$2,155, w/o controller	C-47
Disctron, Inc.	D526	25.5M bytes, formatted	5 1/4 in.	\$895, w/controller	C-47
NEC Information Systems	D2200	25.5M bytes, formatted	8 in.	\$2,575, w/controller	C-49
Data Management Labs, Inc.	1041	25.2M bytes, unformatted	8 in.	\$18,200, w/o controller	C-46
Control Data Corp.	CDC 9410-24 FINCH	24M bytes, formatted	8 in.	N/A	C-46
Kennedy Co.	6172	24M bytes, formatted	8 in.	\$1,995, w/o controller	C-48
Fujitsu America, Inc.	M2302	23.7M bytes, formatted	8 in.	N/A	C-47
Evotek Corp.	ET-5530	23.4M bytes, formatted	5 1/4 in.	\$1,975, w/o controller	C-47
Memorex Corp.	102	23.4M bytes, formatted	8 in.	\$1,700, w/o controller	C-48
Univation, Inc.	SIRIUS-COMPATIBLE DISK	22M bytes, unformatted	5 1/4 in.	N/A	C-51
Control Data Corp.	CDC 9415-3 WREN	21M bytes, formatted	N/A	N/A	C-46
Corvus Systems, Inc.	CORVUS 20	21M bytes, formatted	5 1/4 in.	\$4,495, w/controller	C-46
Davong Systems, Inc.	DS010-021	21M bytes, unformatted	5 1/4 in.	\$3,595, w/controller	C-46
NEC Information Systems	D5244	21M bytes, formatted	5 1/4 in.	\$1,410, w/controller	C-49
Rodime Corp.	RO204	21M bytes, unformatted	5 1/4 in.	\$1,760, w/o controller	C-50
Cyberchron Corp.	CHD 11-20	20.8M bytes, unformatted	8 in.	\$4,995, w/controller	C-53
	CHD-11	20.8M bytes, unformatted	8 in.	\$4,995, w/o controller	C-53
Micropolis Corp.	1202 SA	20.6M bytes, formatted	8 in.	N/A	C-55
Ampex Corp.	PYXIS 20	20M bytes, formatted	5 1/4 in.	N/A	C-51
Cameo Electronics, Inc.	2020	20M bytes, unformatted	5 1/4 in.	\$2,295, w/controller	C-52
Central Data Corp.	D3002	20M bytes, unformatted	8 in.	\$4,800, w/controller	C-52
Century Data Systems, Inc.	MARKSMAN M20	20M bytes, formatted	14 in.	\$2,495, w/o controller	C-52
Datapoint Corp.	20 MB	20M bytes, unformatted	5 1/4 in.	\$8,000, w/controller	C-53
Megavault	MV20	20M bytes, formatted	8 in.	N/A	C-55
Memorex Corp.	323	20M bytes, formatted	5 1/4 in.	\$905, w/o controller	C-55
Micro Data Systems	EZ 845	20M bytes, unformatted	5 1/4 in.	\$3,495, w/controller	C-55
Miniscribe Corp.	4020	20M bytes, formatted	5 1/4 in.	N/A	C-56
Percom Data Corp.	PHD 20/20A	20M bytes, unformatted	5 1/4 in.	\$2,895, w/o controller	C-57
PH-Associates, Inc.	MARK 20	20M bytes, formatted	5 1/4 in.	\$3,333, w/controller	C-57
Professional Micro Systems	PMS 20	20M bytes, formatted	5 1/4 in.	\$2,895, w/controller	C-57
Quantum Corp.	Q520	20M bytes, formatted	5 1/4 in.	\$1,700, w/o controller	C-57
	Q2020	20M bytes, formatted	8 in.	\$2,415, w/o controller	C-57
Quentin Research, Inc.	QA-520	20M bytes, unformatted	5 1/4 in.	\$2,995, w/o controller	C-58
ThoughtWorks, Inc.	HD 120	20M bytes, unformatted	5 1/4 in.	\$4,495, w/controller	C-59
3M Co.	8432	20M bytes, formatted	8 in.	\$2,675, w/o controller	C-59
Atari Corp.	3020	19.8M bytes, formatted	5 1/4 in.	\$2,500, w/o controller	C-52
Onyx & IML, Inc.	9820R	19.4M bytes, unformatted	8 in.	N/A	C-57
	7720	19.1M bytes, unformatted	8 in.	\$1,650, w/o controller	C-57
Tandon Corp.	TM503	19.1M bytes, formatted	5 1/4 in.	N/A	C-59
Computer Memories, Inc.	CM-5619	19M bytes, formatted	5 1/4 in.	\$1,400, w/o controller	C-53
Texas Instruments, Inc.	WD 800/18	18.5M bytes, unformatted	8 in.	N/A	C-59
Toshiba America, Inc.	MK80-F20	18.2M bytes, unformatted	8 in.	N/A	C-59
Cromemco, Inc.	HD20	18M bytes, unformatted	5 1/4 in.	\$3,995, w/controller	C-53
Onyx & IML, Inc.	5018H	18M bytes, formatted	5 1/4 in.	\$995, w/o controller	C-57
PolyMorphic Systems	HD-18	18M bytes, unformatted	5 1/4 in.	\$3,995, w/controller	C-57
Micropolis Corp.	1302	17.3M bytes, formatted	5 1/4 in.	\$975, w/o controller	C-55
Hewlett-Packard Co.	7908P/R	16.5M bytes, unformatted	8 in.	\$9,900, w/controller	C-54
Irwin Magnetics, Inc.	416	16M bytes, formatted	5 1/4 in.	\$1,800, w/o controller	C-55
	516	16M bytes, formatted	5 1/4 in.	\$2,500, w/o controller	C-55
Tecmar, Inc.	SHARE/15 EXPANSION	16M bytes, unformatted	5 1/4 in.	\$3,195, w/controller	C-59
XComp, Inc.	PHD 8 X 8	16M bytes, unformatted	5 1/4 in.	\$2,395, w/o controller	C-60
Rodime Corp.	RO203	15.7M bytes, unformatted	5 1/4 in.	\$1,460, w/o controller	C-58
Fujitsu America, Inc.	M2234	15.7M bytes, unformatted	5 1/4 in.	N/A	C-54
Evotek Corp.	ET-5520	15.6M bytes, formatted	5 1/4 in.	\$1,725, w/o controller	C-54
Bering Industries, Inc.	BERING 4895	15.5M bytes, formatted	5 1/4 in.	\$6,990, w/controller	C-52
IBM	5247 MODEL 011	15.4M bytes, unformatted	210mm	\$7,010, w/o controller	C-55
NEC Information Systems	D5234	15.2M bytes, unformatted	5 1/4 in.	\$1,250, w/controller	C-56
Apparat, Inc.	15 MB IBM HARD DISK	15M bytes, unformatted	5 1/4 in.	\$2,295, w/controller	C-52
	15 MB RADIO SHACK DISK	15M bytes, unformatted	5 1/4 in.	\$1,945, w/controller	C-52
Cameo Electronics, Inc.	2015	15M bytes, unformatted	5 1/4 in.	\$2,295, w/controller	C-52
Data General Corp.	6222	15M bytes, unformatted	8 in.	\$5,600, w/controller	C-53
Davong Systems, Inc.	DS010-015	15M bytes, unformatted	5 1/4 in.	\$3,095, w/controller	C-54
Mountain Computer, Inc.	DS-01-445-03	15M bytes, unformatted	5 1/4 in.	\$2,995, w/controller	C-56
	DS-01-482-03	15M bytes, unformatted	5 1/4 in.	\$2,995, w/controller	C-56
	DS-01-492-03	15M bytes, unformatted	5 1/4 in.	\$2,995, w/controller	C-56

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
Percom Data Corp.	DHD 15/15A	15M bytes, unformatted	5 1/4 in.	\$2,395, w/o controller	C-57
PH-Associates, Inc.	PSS-15B	15M bytes, unformatted	5 1/4 in.	\$2,695, w/controller	C-57
Quantin Research, Inc.	QA-515	15M bytes, unformatted	5 1/4 in.	\$2,695, w/o controller	C-57
Sengale Technology	ST-419	15M bytes, unformatted	5 1/4 in.	\$1,100, w/o controller	C-58
Trak Microcomputer Corp.	COMMANDER 15	15M bytes, unformatted	5 1/4 in.	\$25,400, w/controller	C-59
Trantor Systems Ltd.	TRANTRON TSL-15	15M bytes, formatted	5 1/4 in.	\$3,395, w/controller	C-59
VR Data Corp.	HARD DISK 3 (15MB)	15M bytes, formatted	5 1/4 in.	\$1,449, w/o controller	C-37
Shugart Associates, Inc.	SA4004	14.5M bytes, formatted	14 in.	N/A	C-58
Tandon Corp.	TM603SE	14.4M bytes, formatted	5 1/4 in.	N/A	C-59
Corvus Systems, Inc.	CORVUS II	14M bytes, formatted	5 1/4 in.	\$3,495, w/controller	C-53
Ampex Corp.	DPXIS 13	13.3M bytes, formatted	5 1/4 in.	N/A	C-51
Shugart Associates, Inc.	SA712	13.3M bytes, formatted	5 1/4 in.	N/A	C-58
Memorex Corp.	322	13.2M bytes, formatted	5 1/4 in.	\$775, w/o controller	C-55
Computer Memories, Inc.	CM-6213	13M bytes, formatted	5 1/4 in.	\$1,400, w/o controller	C-53
Evotek Corp.	ET-5810	12.9M bytes, formatted	5 1/4 in.	\$1,675, w/o controller	C-54
Miniscribe Corp.	3012	12.8M bytes, formatted	5 1/4 in.	\$80,700, w/o controller	C-56
Tandon Corp.	TM502	12.8M bytes, formatted	5 1/4 in.	N/A	C-58
Cogito Systems, Inc.	CG912	12.7M bytes, formatted	5 1/4 in.	\$895, w/o controller	C-52
Shugart Associates, Inc.	SA612	12.7M bytes, formatted	5 1/4 in.	N/A	C-58
Rodime Corp.	R0352	12.7M bytes, unformatted	3 1/2 in.	\$1,250, w/o controller	C-58
Toshiba America, Inc.	MK80-F10	12.1M bytes, unformatted	8 in.	N/A	C-59
Computer Memories, Inc.	CM-5412	12M bytes, formatted	5 1/4 in.	\$1,200, w/o controller	C-53
Onyx & IMI, Inc.	5012H	12M bytes, formatted	5 1/4 in.	\$950, w/o controller	C-57
Memorex Corp.	101	11.7M bytes, formatted	8 in.	\$1,450, w/o controller	C-55
Disctron, Inc.	DP100	11.6M bytes, formatted	8 in.	\$1,390, w/controller	C-54
Univation, Inc.	RAINBOW-COMPATIBLE	11.2M bytes, unformatted	5 1/4 in.	N/A	C-60
Texas Instruments, Inc.	WD 500	11M bytes, unformatted	5 1/4 in.	N/A	C-59
Onyx & IMI, Inc.	9810R	10.7M bytes, unformatted	8 in.	N/A	C-57
Shugart Associates, Inc.	SA1004	10.6M bytes, formatted	8 in.	N/A	C-58
Fujitsu America, Inc.	M2333	10.5M bytes, unformatted	5 1/4 in.	N/A	C-54
Rodime Corp.	R0202	10.5M bytes, unformatted	5 1/4 in.	\$1,225, w/o controller	C-58
Onyx & IMI, Inc.	7710	10.2M bytes, unformatted	8 in.	\$1,450, w/o controller	C-57
NEC Information Systems	D5224	10.1M bytes, unformatted	5 1/4 in.	\$1,180, w/controller	C-56
Apparat, Inc.	10 MB IBM HARD DISK	10M bytes, unformatted	5 1/4 in.	\$1,995, w/controller	C-52
	10 MB RADIO SHACK DISK	10M bytes, unformatted	5 1/4 in.	\$1,735, w/controller	C-52
Cameo Electronics, Inc.	2010	10M bytes, unformatted	5 1/4 in.	\$2,295, w/controller	C-52
Central Data Corp.	D3001	10M bytes, unformatted	8 in.	\$4,300, w/controller	C-52
Chrislin Industries, Inc.	CI-520	10M bytes, unformatted	5 1/4 in.	\$3,995, w/controller	C-52
Computer Automation, Inc.	45261-03	10M bytes, formatted	8 in.	\$5,700, w/o controller	C-53
Corona Data Systems	EXTERNAL PHD 10	10M bytes, unformatted	5 1/4 in.	\$2,695, w/controller	C-53
	PERSONAL HARD DISK 10	10M bytes, unformatted	5 1/4 in.	\$2,295, w/controller	C-53
	STAR FIRE 10	10M bytes, unformatted	5 1/4 in.	\$2,695, w/controller	C-53
Datapoint Corp.	9313	10M bytes, unformatted	5 1/4 in.	\$3,950, w/controller	C-54
	9315	10M bytes, unformatted	5 1/4 in.	\$5,950, w/controller	C-54
Data Systems Design, Inc.	DSD 770-10	10M bytes, unformatted	5 1/4 in.	N/A	C-54
Davong Systems, Inc.	DS010-010	10M bytes, unformatted	5 1/4 in.	\$2,595, w/controller	C-54
Digital Equipment Corp.	R051	10M bytes, unformatted	5 1/4 in.	\$2,985, w/controller	C-54
Micro Data Systems	EZ 835	10M bytes, unformatted	5 1/4 in.	\$2,495, w/controller	C-55
Microscience International	MODEL HH612	10M bytes, formatted	5 1/4 in.	\$1,999, w/o controller	C-55
Miniscribe Corp.	4010	10M bytes, formatted	5 1/4 in.	N/A	C-56
Mountain Computer, Inc.	DDS-01-445-02	10M bytes, unformatted	5 1/4 in.	\$2,495, w/controller	C-56
	DDS-01-494-02	10M bytes, unformatted	5 1/4 in.	\$2,495, w/controller	C-56
Percom Data Corp.	PHD 10/10A	10M bytes, unformatted	5 1/4 in.	\$1,895, w/o controller	C-57
PH-Associates, Inc.	DSS-10B	10M bytes, unformatted	5 1/4 in.	\$2,295, w/controller	C-57
Quantum Corp.	Q2010	10M bytes, formatted	8 in.	\$1,950, w/o controller	C-57
Quantin Research, Inc.	QA-510	10M bytes, unformatted	5 1/4 in.	\$2,395, w/o controller	C-58
Sengale Technology	ST-412	10M bytes, unformatted	5 1/4 in.	\$930, w/o controller	C-58
Shugart Associates, Inc.	SA606	10M bytes, formatted	5 1/4 in.	N/A	C-58
Star Technologies	DART SUBSYSTEM	10M bytes, unformatted	8 in.	\$4,500, w/controller	C-59
Tecmar, Inc.	SHARE/10 EXPANSION	10M bytes, unformatted	5 1/4 in.	\$2,795, w/controller	C-59
ThoughtWorks, Inc.	HD 110	10M bytes, unformatted	5 1/4 in.	\$2,995, w/controller	C-59
3M Co.	8431	10M bytes, formatted	8 in.	\$2,345, w/o controller	C-59
Trak Microcomputer Corp.	COMMANDER 10	10M bytes, unformatted	5 1/4 in.	\$2,200, w/controller	C-59
Trantor Systems Ltd.	TRANTRON TSL-10	10M bytes, formatted	5 1/4 in.	\$2,895, w/controller	C-59
VR Data Corp.	HARD DISK 3 (10 MB)	10M bytes, formatted	5 1/4 in.	\$1,249, w/o controller	C-60
Wang Laboratories, Inc.	6560	10M bytes, unformatted	14 in.	\$9,000, w/o controller	C-60
	6560C	10M bytes, unformatted	8 in.	\$9,000, w/o controller	C-60
XComp, Inc.	PHD 5 X 5	10M bytes, unformatted	5 1/4 in.	\$2,195, w/o controller	C-60
Xebec	XEBEC 9710	10M bytes, unformatted	5 1/4 in.	\$1,750, w/controller	C-60
Tandon Corp.	TM602SE	9.6M bytes, formatted	5 1/4 in.	N/A	C-59
	TM603	9.6M bytes, formatted	5 1/4 in.	N/A	C-59
Micropolis Corp.	1221	8.9M bytes, formatted	8 in.	\$1,775, w/o controller	C-55
Lobo Systems, Inc.	1850A	8.2M bytes, unformatted	8 in.	\$3,459, w/controller	C-55
Evotek Corp.	ET-5510	7.8M bytes, formatted	5 1/4 in.	\$1,500, w/o controller	C-54
Emmadars	D9090	7.5M bytes, formatted	5 1/4 in.	\$3,495, w/o controller	C-52
Corvus Systems, Inc.	CORVUS 6	7M bytes, formatted	5 1/4 in.	\$2,495, w/controller	C-53
AM Electronics	RD5067-C-51	6.7M bytes, formatted	5 1/4 in.	\$1,700, w/controller	C-51
	RD5067-C-1	6.7M bytes, formatted	5 1/4 in.	\$1,700, w/controller	C-51

Disk Drive Index

VENDOR	MODEL	CAPACITY	DIAMETER	PRICE	PAGE
AM Electronics	RD5076-C-T	6.7M bytes, formatted	5 1/4 in.	\$1,700, w/controller	C-51
Ampex Corp.	PYXIS 7	6.7M bytes, formatted	5 1/4 in.	N/A	C-51
Memorex Corp.	321	6.7M bytes, formatted	5 1/4 in.	\$645, w/o controller	C-55
Shugart Associates, Inc.	SA706	6.6M bytes, formatted	5 1/4 in.	N/A	C-58
	SA604	6.6M bytes, formatted	5 1/4 in.	N/A	C-58
IDE Associates, Inc.	IDEADISK FIXED	6.4M bytes, formatted	3.9 in.	\$1,750, w/controller	C-55
Miniscribe Corp.	2006	6.4M bytes, formatted	5 1/4 in.	\$692, w/o controller	C-56
	2012	6.4M bytes, formatted	5 1/4 in.	\$879, w/o controller	C-56
	3006	6.4M bytes, formatted	5 1/4 in.	\$622, w/o controller	C-56
Tandon Corp.	TM501	6.4M bytes, formatted	5 1/4 in.	N/A	C-58
	TM602	6.4M bytes, formatted	5 1/4 in.	N/A	C-58
Cogito Systems, Inc.	C0906	6.3M bytes, formatted	5 1/4 in.	N/A	C-52
Control Data Corp.	CDC 9270-6 CRICKET	6.3M bytes, formatted	3 1/2 in.	N/A	C-53
Disctron, Inc.	D507	6.3M bytes, formatted	5 1/4 in.	\$555, w/controller	C-54
Computer Memories, Inc.	CM-5206	6M bytes, formatted	5 1/4 in.	\$1,000, w/o controller	C-53
Onyx & IMI, Inc.	5006H	6M bytes, formatted	5 1/4 in.	\$900, w/o controller	C-56
Professional Micro Systems	PMS 6	6M bytes, formatted	5 1/4 in.	\$2,200, w/o controller	C-57
Datamax	DATA MAX WFD-1	5.5M bytes, unformatted	5 1/4 in.	\$7,000, w/controller	C-53
Shugart Associates, Inc.	ASS002	5.3M bytes, formatted	8 in.	N/A	C-58
Rodime Corp.	RD201	5.2M bytes, unformatted	5 1/4 in.	\$990, w/o controller	C-58
Fujitsu America, Inc.	M2231	5.2M bytes, unformatted	5 1/4 in.	N/A	C-54
Data Management Labs, Inc.	1010	5.1M bytes, unformatted	8 in.	\$7,300, w/controller	C-53
NEC Information Systems	5214	5M bytes, unformatted	5 1/4 in.	\$915, w/controller	C-56
Apparat, Inc.	5 MB IBM HARD DISK	5M bytes, unformatted	5 1/4 in.	\$1,795, w/controller	C-52
	5 MB RADIO SHACK HARD DISK	5M bytes, unformatted	5 1/4 in.	\$1,489, w/controller	C-52
Apple Computer, Inc.	PROFILE	5M bytes, unformatted	5 1/4 in.	\$2,195, w/controller	C-52
Cameo Electronics, Inc.	2005	5M bytes, unformatted	5 1/4 in.	\$2,295, w/controller	C-52
Commodore	D9080	5M bytes, formatted	5 1/4 in.	\$2,995, w/o controller	C-52
Corona Data Systems	EXTERNAL PHD 5	5M bytes, unformatted	5 1/4 in.	\$2,795, w/controller	C-53
	PERSONAL HARD DISK 5	5M bytes, unformatted	5 1/4 in.	\$1,795, w/controller	C-53
Data General Corp.	6220	5M bytes, unformatted	8 in.	\$4,175, w/controller	C-53
Davong Systems, Inc.	DS010-005	5M bytes, unformatted	5 1/4 in.	\$2,095, w/controller	C-54
Digital Equipment Corp.	RD50	5M bytes, unformatted	5 1/4 in.	\$2,695, w/controller	C-54
Disk Memory Technology, Inc.	RUGGED 5 MB WINCHESTER	5M bytes, unformatted	8 in.	\$1,500, w/o controller	C-54
Micro Data Systems	EZ 825	5M bytes, unformatted	5 1/4 in.	\$2,295, w/controller	C-55
Mountain Computer, Inc.	DDS-01-445-01	5M bytes, unformatted	5 1/4 in.	\$1,995, w/controller	C-56
	DDS-01-482-01	5M bytes, unformatted	5 1/4 in.	\$1,995, w/controller	C-56
	DDS-01-494-01	5M bytes, unformatted	5 1/4 in.	\$1,995, w/controller	C-56
Percom Data Corp.	PHD 5/5A	5M bytes, unformatted	5 1/4 in.	\$1,495, w/o controller	C-57
PH-Associates, Inc.	DSS-5B	5M bytes, unformatted	5 1/4 in.	\$1,995, w/controller	C-57
Quantin Research, Inc.	QA-505	5M bytes, unformatted	5 1/4 in.	\$2,195, w/o controller	C-57
Seagate Technology	ST-406	5M bytes, unformatted	5 1/4 in.	\$840, w/o controller	C-58
	ST-506	5M bytes, unformatted	5 1/4 in.	\$884, w/o controller	C-58
Syquest Technology, Inc.	SO306S	5M bytes, unformatted	3.9 in.	\$800, w/o controller	C-58
ThoughtWorks, Inc.	HD 105	5M bytes, unformatted	5 1/4 in.	\$2,495, w/controller	C-59
Trak Microcomputer Corp.	COMMANDER 5	5M bytes, unformatted	5 1/4 in.	\$1,985, w/controller	C-59
Trantor Systems Ltd.	TRANTRON TSL-5	5M bytes, formatted	5 1/4 in.	\$2,395, w/controller	C-59
VR Data Corp.	HARD DISK 3 (SINGLE 5MB)	5M bytes, formatted	5 1/4 in.	\$995, w/o controller	C-60
Xebec	XEBEC-9705	5M bytes, unformatted	5 1/4 in.	\$1,650, w/controller	C-60
	XEBEC-9800	5M bytes, unformatted	5 1/4 in.	\$2,000, w/o controller	C-60
Lobo Systems, Inc.	950A	4.9M bytes, unformatted	5 1/4 in.	\$2,675, w/controller	C-55
Computer Dynamics, Inc.	WIN-5	4.8M bytes, formatted	8 in.	\$1,500, w/o controller	C-63
Hewlett-Packard Co.	9134A OPT. 010	4.8M bytes, unformatted	5 1/4 in.	\$4,500, w/o controller	C-54
	9134A	4.6M bytes, unformatted	5 1/4 in.	\$3,500, w/o controller	C-54
Disc Tech One, Inc.	SERIES 330S	4M bytes, unformatted	14 in.	\$3,700, w/o controller	C-54
Star Technologies	DATA SUBSYSTEM	3.4M bytes, unformatted	8 in.	\$5,600, w/o controller	C-58
Ibis Systems, Inc.	IBIS 5380-AA	2.5M bytes, unformatted	14 in.	\$91,995, w/o controller	C-54
	IBIS 5380-AA4	2.5M bytes, unformatted	14 in.	\$93,710, w/o controller	C-55
	IBIS 5380-B4	2.5M bytes, unformatted	14 in.	\$68,020, w/o controller	C-55
	IBIS 5380-BB4	2.5M bytes, unformatted	14 in.	\$71,120, w/o controller	C-55
IBM	5022 MODEL 3	1.2M bytes, unformatted	14 in.	\$9,880, w/o controller	C-55
	5022 MODEL 4	1.2M bytes, unformatted	14 in.	\$10,820, w/o controller	C-55
Nixdorf Computer Corp.	8350-X2	1.2M bytes, unformatted	N/A	\$41,130, w/o controller	C-56
Mountain Computer, Inc.	DDS-01-482-02	1M bytes, unformatted	5 1/4 in.	\$2,495, w/controller	C-56
United Peripherals, Inc.	UP-169	600K bytes, formatted	14 in.	N/A	C-56
Hewlett-Packard Co.	7911 P/R	28K bytes, unformatted	14 in.	\$14,500, w/controller	C-54
Shugart Associates, Inc.	SA1104	N/A	8 in.	N/A	C-58

Floppy Disk Drives

Capacities over 3M bytes

AMLYN CORP.

5450
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart SA 460
Capacity: 5M bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 88 msec
Mean Time Between Failure: 8,000 hours
Interface: Shugart SA 460
Price: \$975, without controller
Distribution Method: OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: September 1982
(See Vendor Profile Page V-2)

AMLYN CORP.

5850
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart SA 850
Capacity: 8M bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 88 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Shugart SA 850
Price: \$975, without controller
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: March 1982

AMLYN CORP.

A506
Disk Diameter: 5 1/4 in.
Capacity: 8M bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 88 msec
Mean Time Between Failure: 8,000 hours
Interface: ST506
Price: \$995, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: March 1982

CORONA DATA SYSTEMS

STAR FIRE 5
Disk Diameter: 5 1/4 in.
Compatibility: Apple II; Franklin Ace
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,195, with controller
Number Installed to Date: 500-1,000
(See Vendor Profile Page V-9)

EX-CELL-O, INC.

BF94418
Disk Diameter: 8 in.
Capacity: 16M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi
Price: \$1,350, with controller
Distribution Method: OEM

Date First Installed: 1979
(See Vendor Profile Page V-15)

HEATH CO.

Z37
Disk Diameter: 5 1/4 in.
Compatibility: Heath Z89, Z90
Capacity: 12M bytes, formatted
Average Access Time: 260 msec
Maximum Drives Per Controller: 3
Integral Controller: Yes
Price: \$1,995, without controller;
\$2,294, with controller
Distribution Method: OEM
Date First Installed: 1979
(See Vendor Profile Page V-16)

HEATH CO.

Z207-41
Disk Diameter: 8 in.
Compatibility: Heath Z100
Capacity: 12M bytes, formatted
Average Access Time: 90 msec
Integral Controller: Yes
Price: \$1,599, with controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: April 1983

HEATH CO.

Z207-42
Disk Diameter: 8 in.
Compatibility: Heath Z100
Capacity: 12M bytes, formatted
Average Access Time: 90 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$2,299, with controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: April 1983

OMEGA CORP.

ALPHA-10
Disk Diameter: 8 in.
Capacity: 10M bytes, unformatted
Transfer Rate: 1,130K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure: 14,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Sasi, SCSI
Price: \$795, without controller;
\$1,745, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: October 1981
(See Vendor Profile Page V-20)

OMEGA CORP.

BETA-3
Disk Diameter: 5 1/4 in.
Plug Compatibility: Omi 20C
Capacity: 5.2M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 15 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506, ST706
Price: \$895, without controller
Distribution Method: OEM

PER SCI, INC.

299B
Disk Diameter: 8 in.
Capacity: 3M bytes, formatted
Transfer Rate: 500K byte/sec
Mean Time Between Failure: 4,000 hours

Maximum Drives Per Controller: 8
Integral Controller: Yes
Price: \$1,685, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: 1977
(See Vendor Profile Page V-28)

PER SCI, INC.

299B HIGH SPEED
Disk Diameter: 8 in.
Capacity: 3M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Percsi
Price: \$2,495, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: June 1975

TECMAR, INC.

BAC-PAC
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Plug Compatibility: TI
Capacity: 10M bytes, unformatted
Transfer Rate: 62K byte/sec
Mean Time Between Failure: 8,000 hours
Interface: Seagate ST506
Distribution Method: Third-party
(See Vendor Profile Page V-36)

TECMAR, INC.

FLOPPY 5/8 SUBSYSTEM
Disk Diameter: 8 in.
Compatibility: IBM Personal Computer
Capacity: 5M bytes, unformatted
Transfer Rate: 62K byte/sec
Mean Time Between Failure: 10,000 hours
Interface: Sasi
Price: \$1,995, with controller
Distribution Method: Third-party

TRAK MICROCOMPUTER CORP.

C-2000A
Disk Diameter: 8 in.
Compatibility: Apple
Capacity: 3M bytes, formatted
Average Access Time: 89 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart
Price: \$2,000, with controller
Distribution Method: Third-party
Number Installed to Date: 500
Date First Installed: July 1982
(See Vendor Profile Page V-37)

TRAK MICROCOMPUTER CORP.

C-2000B
Disk Diameter: 8 in.
Compatibility: IBM
Capacity: 3M bytes, formatted
Average Access Time: 89 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart
Distribution Method: Third-party
Number Installed to Date: 500
Date First Installed: July 1982

1M- to 3M-Byte Capacity

ALS CORP.

FD9830
Disk Diameter: 8 in.
Compatibility: HP 9830
Capacity: 1.2M bytes, unformatted
Transfer Rate: 44K byte/sec
Mean Time Between Failure: 3,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$3,575, with controller
Distribution Method: End user
Number Installed to Date: 39
Date First Installed: January 1982
(See Vendor Profile Page V-2)

ALS CORP.

FD9885
Disk Diameter: 8 in.
Compatibility: HP 9825, HP 9835, HP 9845
Capacity: 1.2M bytes, formatted
Transfer Rate: 44K byte/sec
Mean Time Between Failure: 3,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$3,450, with controller
Distribution Method: End user
Number Installed to Date: 22
Date First Installed: June 1982

ANALOG & DIGITAL PERIPHERALS

E-2-DISC 4
Disk Diameter: 5 1/4 in.
Capacity: 2M bytes, unformatted
Average Access Time: 2 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: RS-232, RS-422
Price: \$1,100, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: 1983
(See Vendor Profile Page V-3)

BERING INDUSTRIES, INC.

BERING 2895
Disk Diameter: 8 in.
Compatibility: HP
Plug Compatibility: HP 9895
Capacity: 2.4M bytes, unformatted
Transfer Rate: 46K byte/sec
Average Access Time: 174 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$4,990, with controller
Distribution Method: OEM
Date First Installed: February 1982
(See Vendor Profile Page V-5)

CALDISK, INC.

143 M
Disk Diameter: 8 in.
Capacity: 1.7M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 6 msec
Mean Time Between Failure: 77,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$630, without controller

Floppy Disk Drives

Distribution Method: End user, OEM
Number Installed to Date: More than 50,000
Date First Installed: 1977
(See Vendor Profile Page V-5)

CANON U.S.A., INC.

MOD 422
Disk Diameter: 5 1/4 in.
Capacity: 2M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$335, without controller
Distribution Method: OEM
Date First Installed: December 1982
(See Vendor Profile Page V-6)

CANON U.S.A., INC.

MOD 423
Disk Diameter: 5 1/4 in.
Capacity: 2M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$370, without controller
Distribution Method: OEM
Date First Installed: December 1982
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.

D2001
Disk Diameter: 8 in.
Capacity: 2M bytes, unformatted
Transfer Rate: 62K byte/sec
Mean Time Between Failure: 7,500 hours
(See Vendor Profile Page V-6)

CGRS MICROTECH, INC.

877-2
Disk Diameter: 8 in.
Compatibility: Commodore CBM; Rockwell
Capacity: 1M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$1,695, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: June 1978
(See Vendor Profile Page V-6)

CGRS MICROTECH, INC.

C877-2
Disk Diameter: 8 in.
Compatibility: Commodore 64
Capacity: 1M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$1,695, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: April 1983

CHRISLIN INDUSTRIES, INC.

CI-1220
Disk Diameter: 8 in.
Compatibility: DEC LSI-11/23, LSI-11/03
Capacity: 2M bytes, unformatted
Transfer Rate: 18K byte/sec

Average Access Time: 91 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Shugart
Price: \$2,095, without controller; \$2,695, with controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: February 1982
(See Vendor Profile Page V-6)

C. ITOH ELECTRONICS, INC.

YD-380T 5 1/4 INCH
Disk Diameter: 5 1/4 in.
Plug Compatibility: Mitsubishi
Capacity: 1.8M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Distribution Method: OEM
Date First Installed: September 1982
(See Vendor Profile Page V-7)

COMMODORE BUSINESS

MACHINES, INC.
CBM 8500
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 125K byte/sec
Price: \$1,695, without controller
(See Vendor Profile Page V-7)

COMMODORE BUSINESS

MACHINES, INC.
CBM 8250
Disk Diameter: 5 1/4 in.
Capacity: 2M bytes, formatted
Transfer Rate: 125K byte/sec
Price: \$2,195, without controller
Date First Installed: 1983

COMPUPRO CORP.

FLOPPY DISK SUBSYSTEM
Disk Diameter: 8 in.
Compatibility: CompuPro S
Capacity: 2M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 13,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$3,295, with controller
Distribution Method: Third-party
Date First Installed: 1982
(See Vendor Profile Page V-7)

COMPUTER AUTOMATION, INC.

45118-02
Disk Diameter: 8 in.
Compatibility: CA Model 4; DEC LSI-2
Capacity: 2M bytes, formatted
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 800
Price: \$3,240, without controller
Distribution Method: End user, OEM
Date First Installed: October 1979
(See Vendor Profile Page V-8)

CONTROL DATA CORP.

CDC 3404
Disk Diameter: 5 1/4 in.
Capacity: 1.8M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure:

12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: 100-500
(See Vendor Profile Page V-9)

DRIVETEC, INC.

320
Disk Diameter: 5 1/4 in.
Capacity: 2M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 118 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart SA 400 Standard
Price: \$495, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: June 1983
(See Vendor Profile Page V-13)

EX-CELL-O, INC.

RFD4000
Disk Diameter: 8 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 6,000 hours
Integral Controller: No
Interface: Ansi
Price: \$750, without controller
Distribution Method: OEM
Date First Installed: March 1979
(See Vendor Profile Page V-15)

HEWLETT-PACKARD CO.

9895A (DUAL)
Disk Diameter: 8 in.
Compatibility: HP 9825T, Series 80, Series 100, Series 200
Capacity: 2M bytes, unformatted
Transfer Rate: 26K byte/sec
Average Access Time: 179 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: HP-IB, IEEE-488
Price: \$5,910, with controller
Distribution Method: End user
Number Installed to Date: 100-500
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

9895A OPT.010 (SINGLE)
Disk Diameter: 8 in.
Compatibility: HP 9825T, Series 80, Series 100, Series 200
Capacity: 1.1M bytes, unformatted
Transfer Rate: 26K byte/sec
Average Access Time: 179 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: HP-IB
Price: \$4,580, with controller
Distribution Method: End user
Number Installed to Date: 500-1,000

IBM

4965
Disk Diameter: 8 in.
Compatibility: IBM
Capacity: 1.2M bytes, unformatted
Transfer Rate: 62K byte/sec
Date First Installed: August 1981
(See Vendor Profile Page V-17)

IBM

5246
Disk Diameter: 8 in.
Compatibility: IBM
Capacity: 1.1M bytes, unformatted
Transfer Rate: 62K byte/sec
Date First Installed: August 1981

INFOTEK

FD9830
Disk Diameter: 8 in.
Compatibility: HP 9830
Capacity: 1.2M bytes, formatted
Transfer Rate: 20K byte/sec
Average Access Time: 38 msec
Integral Controller: No
Price: \$3,675, without controller
Distribution Method: End user
(See Vendor Profile Page V-19)

INSTOR CORP.

INSTOR/SMCR
Disk Diameter: 8 in.
Capacity: 2M bytes, unformatted
Transfer Rate: 19K byte/sec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$5,500, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1982
(See Vendor Profile Page V-19)

Additional information provided for by vendor

RS-232C intelligent diskette storage system. Read/write IBM 3740 8-in. diskettes. Automatic Ascii/Ebcdic conversion. Single/double density. Capacity to 2.5M bytes. Used to record data from bar-code readers, modems, computers and other data capture devices. Interface to Prime, HP3000, DEC, DG, IBM Personal Computer, etc. Universal PBX SMDR call recorder. From \$3500.

INSTOR CORP.

INSTOR/85
Disk Diameter: 8 in.
Capacity: 2M bytes, unformatted
Transfer Rate: 19K byte/sec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$5,500, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: April 1983

INSTOR CORP.

INSTOR/85P
Disk Diameter: 8 in.
Compatibility: Prime 50 Series
Capacity: 2M bytes, unformatted
Transfer Rate: 19K byte/sec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$5,500, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: April 1983

Floppy Disk Drives

LOBO SYSTEMS, INC.

5101CA
Disk Diameter: 8 in.
Compatibility: Apple II+
Capacity: 1.1M bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 91 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart
Price: \$1,625, with controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: 1979
(See Vendor Profile Page V-00)

LOBO SYSTEMS, INC.

8202CA
Disk Diameter: 8 in.
Compatibility: Apple II+
Capacity: 2.2M bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 91 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart
Price: \$1,925, with controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: 1979

LOBO SYSTEMS, INC.

8202 CA
Disk Diameter: 8 in.
Compatibility: Apple II+
Capacity: 1.1M bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 260 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart
Price: \$1,625, with controller
Number Installed to Date: 500-1,000
Date First Installed: 1979

MICRO PERIPHERALS, INC.

42
Disk Diameter: 8 in.
Compatibility: IBM Personal Computer
Capacity: 1.6M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 177 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Shugart
Price: \$300, without controller
Distribution Method: Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-24)

MICROPOLIS CORP.

1117-VI
Disk Diameter: 5 1/4 in.
Capacity: 2M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 160 msec
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Shugart SA 400
Distribution Method: OEM
Date First Installed: September 1982
(See Vendor Profile Page V-24)

MILTOPE CORP.

DD400 FLEXIBLE DISK DRIVE
Disk Diameter: 8 in.
Compatibility: Nordan 117/10M; Roin 1600; Honeywell RL-6; Sperry NTDS
Capacity: 1M bytes, formatted

Transfer Rate: 62K byte/sec
Average Access Time: 83 msec
Mean Time Between Failure: 7,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$5,000, without controller; \$9,100, with controller
Distribution Method: OEM
Date First Installed: 1977
(See Vendor Profile Page V-24)

MITSUBISHI ELECTRONICS AMERICA, INC.

M2894-63
Disk Diameter: 8 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart SA 800 Series
Price: \$600, without controller
Distribution Method: OEM
Date First Installed: 1980
(See Vendor Profile Page V-25)

MITSUBISHI ELECTRONICS AMERICA, INC.

M2896-63
Disk Diameter: 8 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart SA 800 Series
Price: \$600, without controller
Distribution Method: OEM
Date First Installed: 1981

MITSUBISHI ELECTRONICS AMERICA, INC.

M4854
Disk Diameter: 5 1/4 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart
Price: \$500, without controller
Distribution Method: OEM
Date First Installed: April 1982

MITSUBISHI ELECTRONICS AMERICA, INC.

M8455
Disk Diameter: 5 1/4 in.
Capacity: 2M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure: 10,000 hours
Interface: Shugart
Price: \$550, without controller
Distribution Method: OEM
Date First Installed: January 1983

NEC INFORMATION SYSTEMS, INC.

FD1165
Disk Diameter: 5 1/4 in.
Capacity: 1.6M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 24,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$525, with controller

Distribution Method: OEM, Third-party
Date First Installed: June 1982
(See Vendor Profile Page V-26)

PER SCI, INC.

277
Disk Diameter: 8 in.
Capacity: 1.5M bytes, formatted
Transfer Rate: 500K byte/sec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Price: \$1,150, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: 1975
(See Vendor Profile Page V-28)

PER SCI, INC.

277 HIGH SPEED
Disk Diameter: 8 in.
Capacity: 1.3M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Persci
Price: \$1,595, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: June 1975

QUME CORP.

QUMETRAK 242
Disk Diameter: 8 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 8,500 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Ansi K3.80
Price: \$415, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000
(See Vendor Profile Page V-30)

QUME CORP.

QUMETRAK 842
Disk Diameter: 8 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 8,500 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Ansi K3.80
Price: \$445, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000

SHUGART ASSOCIATES, INC.

SA850/851
Disk Diameter: 8 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
Date First Installed: June 1977
(See Vendor Profile Page V-32)

SHUGART ASSOCIATES, INC.

SA850
Disk Diameter: 8 in.

Capacity: 1.6M bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 89 msec
Mean Time Between Failure: 10,000 hours
Distribution Method: OEM
Date First Installed: February 1982

SONY COMMUNICATIONS PRODUCTS CO.

SMI-7812
Disk Diameter: 3 1/2 in.
Capacity: 1.1M bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 365 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$1,100, with controller
Distribution Method: Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-32)

TANDON CORP.

TM846-2
Disk Diameter: 8 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: April 1981
(See Vendor Profile Page V-34)

TEAC CORP. OF AMERICA

FD55-G
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 3 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: 3410 Connector
Price: \$450, without controller
Distribution Method: End user
Date First Installed: October 1982
(See Vendor Profile Page V-34)

TOSHIBA AMERICA, INC.

ND-400
Disk Diameter: 8 in.
Plug Compatibility: Shugart
Capacity: 1.6M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 76 msec
Integral Controller: Yes
Distribution Method: OEM
Date First Installed: October 1982
(See Vendor Profile Page V-37)

TRAK MICROCOMPUTER CORP.

Compatibility: Zenith 100
Capacity: 2.4M bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 89 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi
Price: \$1,990, without controller
Distribution Method: Third-party
Date First Installed: November 1982
(See Vendor Profile Page V-37)

TRAK MICROCOMPUTER CORP.

E-2000Z
Disk Diameter: 8 in.
Compatibility: Zenith Z100

Floppy Disk Drives

Capacity: 1.2M bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 89 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi
Price: \$845, without controller
Distribution Method: Third-party
Date First Installed: November 1982

TRAK MICROCOMPUTER CORP.

M-2000Z
Disk Diameter: 8 in.
Compatibility: Zenith Z100
Capacity: 1.2M bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 89 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi
Price: \$1,199, without controller
Distribution Method: Third-party
Date First Installed: November 1982

UNIVATION, INC.

5 1/4 IN. FLOPPY EXTERNAL DRIVE
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, DEC Rainbow 100, TI Professional
Capacity: 1.6M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 300 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Distribution Method: OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: March 1982
(See Vendor Profile Page V-38)

UNIVATION, INC.

8 IN. FLOPPY SLIMLINE
Disk Diameter: 8 in.
Compatibility: IBM Personal Computer, DEC Rainbow 100, TI Professional
Capacity: 2.4M bytes, unformatted
Transfer Rate: 500K byte/sec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: February 1982

VR DATA CORP.

TANDON 100-1
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Tandy TRS-80/II, TRS-80/III
Capacity: 1.06M bytes, unformatted
Transfer Rate: 250K byte/sec
Integral Controller: No
Price: \$250, without controller; \$449, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: 1981
(See Vendor Profile Page V-39)

WESTERN TELEMATICS, INC.

MINI MATE-III-1.632 MB
Disk Diameter: 5 1/4 in.

Capacity: 1M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 12 msec
Integral Controller: No
Interface: RS232
Price: \$3,195, without controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: April 1982
(See Vendor Profile Page V-39)

WORLD STORAGE TECHNOLOGY

FDD200-8
Disk Diameter: 8 in.
Capacity: 1.6M bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 6,000 hours
Integral Controller: No
Interface: Ansi X319.2
Price: \$700, without controller
Distribution Method: OEM
Number Installed to Date: 30,000
Date First Installed: 1978
(See Vendor Profile Page V-39)

ZENITH DATA SYSTEMS

ZENITH Z-207-41
Disk Diameter: 8 in.
Compatibility: Zenith Z100
Plug Compatibility: IBM 3740
Capacity: 1.3M bytes, formatted
Average Access Time: 90 msec
Integral Controller: No
Interface: Zenith S-232
Price: \$1,599, without controller
Distribution Method: Third-party
Date First Installed: April 1983
(See Vendor Profile Page V-40)

ZENITH DATA SYSTEMS

ZENITH Z-207-42
Disk Diameter: 8 in.
Compatibility: Zenith Z100
Plug Compatibility: IBM 3740
Capacity: 1.3M bytes, formatted
Average Access Time: 90 msec
Integral Controller: No
Interface: Zenith S-232
Price: \$2,299, without controller
Distribution Method: Third-party
Date First Installed: April 1983

512K- to 1M-Byte Capacity

AMDEK

AMDISK III
Disk Diameter: 3 in.
Compatibility: IBM Personal Computer, Tandy TRS-80/III
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 55 msec
Mean Time Between Failure: 8,000 hours
Interface: Shugart
Price: \$599, without controller
Distribution Method: Third-party
Number Installed to Date: 100-500
Date First Installed: November 1982
(See Vendor Profile Page V-2)

AM ELECTRONICS

220-C
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80, TRS-80/II, TRS-80/III; Zenith
Capacity: 1M bytes, formatted

Transfer Rate: 31K byte/sec
Average Access Time: 3 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart
Price: \$499, without controller
Distribution Method: Third-party
Number Installed to Date: 500-1,000
Date First Installed: October 1982
(See Vendor Profile Page V-2)

ANALOG & DIGITAL PERIPHERALS

ADPI PORTA-DISK
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, unformatted
Transfer Rate: 200K byte/sec
Average Access Time: 500 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: RS-232, RS-422
Price: \$850, with controller
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: 1983
(See Vendor Profile Page V-3)

ANALOG & DIGITAL PERIPHERALS

E-Z-DISC 3
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, unformatted
Average Access Time: 2 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: RS-232, RS-422
Price: \$1,050, with controller
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: 1983

CALDISK, INC.

142 M
Disk Diameter: 8 in.
Capacity: 802K bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 6 msec
Mean Time Between Failure: 77,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$550, without controller
Distribution Method: End user, OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1974
(See Vendor Profile Page V-5)

CALDISK, INC.

143 M1
Disk Diameter: 8 in.
Capacity: 802K bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 6 msec
Mean Time Between Failure: 77,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$510, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: 1977

CALDISK, INC.

542 D
Disk Diameter: 8 in.

Compatibility: DEC PDP-8, PDP-11, LSI-11
Plug Compatibility: DEC RX01, RX02
Capacity: 802K bytes, Formatted
Transfer Rate: 625K byte/sec
Average Access Time: 6 msec
Mean Time Between Failure: 77,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$500, without controller
Distribution Method: End user, OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1974
(See Vendor Profile Page V-5)

CANON U.S.A., INC.

MDD 221
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$235, without controller
Distribution Method: OEM
Date First Installed: December 1982
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.

MDD 220
Disk Diameter: 8 in.
Interface: Multibus
Price: \$2,800, with controller
Distribution Method: Third-party
Date First Installed: January 1980
(See Vendor Profile Page V-6)

CORS MICROTECH, INC.

340-2
Disk Diameter: 3 1/2 in.
Compatibility: Commodore CBM; Rockwell
Capacity: 592K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$995, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: June 1978
(See Vendor Profile Page V-6)

CORS MICROTECH, INC.

540-2
Disk Diameter: 5 1/4 in.
Compatibility: Commodore CBM; Rockwell
Capacity: 592K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$875, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: June 1978

Floppy Disk Drives

CGRS MICROTECH, INC.

877-1
Disk Diameter: 8 in.
Compatibility: Commodore CBM;
Rockwell
Capacity: 512K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$995, without controller
Distribution Method: OEM
Number Installed to Date: Under
100
Date First Installed: June 1978

CGRS MICROTECH, INC.

C340-2
Disk Diameter: 3 1/2 in.
Compatibility: Commodore 64
Capacity: 592K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$995, without controller
Distribution Method: OEM
Date First Installed: April 1983

CGRS MICROTECH, INC.

C540-2
Disk Diameter: 5 1/4 in.
Compatibility: Commodore 64
Capacity: 592K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$875, without controller
Distribution Method: OEM
Number Installed to Date: Under
100
Date First Installed: April 1983

CGRS MICROTECH, INC.

C877-1
Disk Diameter: 8 in.
Compatibility: Commodore 64
Capacity: 512K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$995, without controller
Distribution Method: OEM
Number Installed to Date: Under
100
Date First Installed: April 1983

COMARK CORP.

MF80DS
Disk Diameter: 8 in.
Compatibility: Intel 2021
Capacity: 1M bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure:
20,000 hours
Integral Controller: No
Price: \$3,295, without controller
Number Installed to Date: 100-500
Date First Installed: August 1979
(See Vendor Profile Page V-7)

COMARK CORP.

MF85DS
Disk Diameter: 8 in.

Compatibility: IBM 3270
Capacity: 1M bytes, unformatted
Transfer Rate: 62K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure:
20,000 hours
Integral Controller: No
Price: \$3,495, without controller
Distribution Method: Third-party
Number Installed to Date: 100-500
Date First Installed: August 1979

COMARK CORP.

MF85DS
Disk Diameter: 8 in.
Capacity: 1M bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure:
20,000 hours
Integral Controller: No
Price: \$2,995, without controller
Number Installed to Date: 500-
1,000
Date First Installed: August 1979

COMPUTER AUTOMATION, INC.

45003-01
Disk Diameter: 8 in.
Compatibility: CA Model 4; DEC
LSI-2
Capacity: 512K bytes, unformatted
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 800
Price: \$3,000, without controller
Distribution Method: End user, OEM
Date First Installed: 1976
(See Vendor Profile Page V-8)

CONTROL DATA CORP.

CDC 8404E
Disk Diameter: 8 in.
Capacity: 800K bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 275 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 4
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

CDC 9409T
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 132 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$260, without controller
Distribution Method: OEM, Third-
party
Number Installed to Date: 100-500

CONTROL DATA CORP.

CDC 9425
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 95 msec
Mean Time Between Failure:
12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Distribution Method: OEM
Date First Installed: 1983

CYBERCHRON CORP.

CFD-211
Disk Diameter: 8 in.
Compatibility: DEC LSI-11, PDP-11
Capacity: 1M bytes, unformatted
Average Access Time: 150 msec
Mean Time Between Failure: 2,500
hours
Price: \$2,995, without controller
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 500-
1,000
Date First Installed: 1977
(See Vendor Profile Page V-10)

CYBERCHRON CORP.

CFD-221
Disk Diameter: 8 in.
Compatibility: DEC PDP 11/23
Plug Compatibility: DEC RXV 21
Capacity: 1M bytes, unformatted
Average Access Time: 83 msec
Mean Time Between Failure:
25,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$2,995, with controller
Distribution Method: End user, OEM
Number Installed to Date: 500-
1,000
Date First Installed: 1977

DATAMAX

DATAMAX DFD-1
Disk Diameter: 5 1/4 in.
Compatibility: Datamax UV-1, UV-
1R
Capacity: 770K bytes, unformatted
Average Access Time: 250 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Price: \$1,685, with controller
Distribution Method: End user,
Third-party
Number Installed to Date: Under
100
Date First Installed: January 1983
(See Vendor Profile Page V-10)

DATA SYSTEMS DESIGN, INC.

DS 770 FLOPPY
Disk Diameter: 5 1/4 in.
Compatibility: Intel Multibus
Capacity: 1M bytes, unformatted
Average Access Time: 91 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Distribution Method: End user, OEM
(See Vendor Profile Page V-11)

DATA SYSTEMS DESIGN, INC.

DS 880 FLOPPY
Disk Diameter: 8 in.
Capacity: 1M bytes, unformatted
Transfer Rate: 20K byte/sec
Average Access Time: 174 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: DMA
Price: \$3,895, with controller
Distribution Method: End user, OEM
Number Installed to Date: 1,200
Date First Installed: 1979

DICTAPHONE CORP.

6440
Disk Diameter: 5 1/4 in.
Compatibility: Dictaphone
Capacity: 982K bytes, unformatted
Transfer Rate: 1,000K byte/sec

Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: End user
Number Installed to Date: Under
100
(See Vendor Profile Page V-12)

DIGITAL EQUIPMENT CORP.

DEC RX02
Disk Diameter: 8 in.
Compatibility: DEC PDP-8, PDP-11,
LSI-11
Capacity: 512K bytes, unformatted
Transfer Rate: 62K byte/sec
Average Access Time: 263 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$4,500, with controller
Distribution Method: End user, OEM
Number Installed to Date: More
than 50,000
Date First Installed: August 1978
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.

RX02
Disk Diameter: 8 in.
Capacity: 512K bytes, unformatted
Transfer Rate: 31K byte/sec
Distribution Method: End user
Date First Installed: 1978

EX-CELL-O, INC.

RF0960
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: No
Interface: Ansi
Price: \$410, without controller
Distribution Method: OEM
Date First Installed: November 1981
(See Vendor Profile Page V-15)

EX-CELL-O, INC.

RF0965
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure:
12,000 hours
Integral Controller: No
Interface: Ansi
Price: \$360, without controller
Distribution Method: OEM

EX-CELL-O, INC.

RF02000
Disk Diameter: 8 in.
Capacity: 800K bytes, formatted
Average Access Time: 91 msec
Mean Time Between Failure: 6,000
hours
Integral Controller: No
Interface: Ansi
Price: \$580, without controller
Distribution Method: OEM
Date First Installed: March 1979

EX-CELL-O, INC.

RF52410
Disk Diameter: 8 in.
Capacity: 800K bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 6,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi
Price: \$1,195, with controller

Floppy Disk Drives

Distribution Method: End user,
OEM, Third-party
Date First Installed: September
1979

HEWLETT-PACKARD CO.
9121D (DUAL)
Disk Diameter: 5 1/2 in.
Compatibility: HP 1000, Series 80,
Series 100, Series 200
Capacity: 540K bytes, unformatted
Transfer Rate: 18K byte/sec
Average Access Time: 415 msec
Mean Time Between Failure:
20,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: HP-IB
Price: \$1,775, with controller
Distribution Method: End user
Number Installed to Date: 10,000-
50,000
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.
82901M (DUAL)
Disk Diameter: 5 1/4 in.
Compatibility: HP Series 80, Series
100, Series 200
Capacity: 540K bytes, unformatted
Transfer Rate: 7K byte/sec
Mean Time Between Failure: 8
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: HP-IB
Price: \$2,230, with controller
Distribution Method: End user
Number Installed to Date: 10,000-
50,000

HONEYWELL, INC.
DIU 9608
Disk Diameter: 5 1/4 in.
Compatibility: Honeywell DPS 6
Capacity: 1M bytes, unformatted
Transfer Rate: 13K byte/sec
Average Access Time: 275 msec
Maximum Drives Per Controller: 2
Integral Controller: No
Interface: Shugart SA 400
Price: \$1,100, without controller
Distribution Method: End user,
Third-party
Date First Installed: April 1982
(See Vendor Profile Page V-17)

INFOTEK
FD9885
Disk Diameter: 8 in.
Compatibility: HP 9885, HP 9831,
HP 9835, HP 9845
Capacity: 1M bytes, formatted
Transfer Rate: 20K byte/sec
Average Access Time: 38 msec
Integral Controller: No
Price: \$3,450, without controller
Distribution Method: End user, OEM
(See Vendor Profile Page V-19)

INNODRONICS CORP.
INNODRONICS MDL 410
Disk Diameter: 8 in.
Plug Compatibility: IBM 3740
Capacity: 512K bytes, unformatted
Transfer Rate: 500K byte/sec
Mean Time Between Failure:
30,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi 1226
Price: \$700, without controller;
\$1,700, with controller
Distribution Method: End user,
OEM, Third-party

Number Installed to Date: 10,000-
50,000
Date First Installed: July 1974
(See Vendor Profile Page V-19)

LOBO SYSTEMS, INC.
8101CA
Disk Diameter: 8 in.
Compatibility: Apple II +
Capacity: 570K bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 260 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart
Price: \$1,325, with controller
Distribution Method: End user
Number Installed to Date: 500-
1,000
Date First Installed: 1979
(See Vendor Profile Page V-22)

MATCHLESS SYSTEMS
SLIMLINE
Disk Diameter: 8 in.
Compatibility: Matchless 800, IBM
Personal Computer, Zenith Z37
Capacity: 985K bytes, unformatted
Transfer Rate: 62K byte/sec
Average Access Time: 91 msec
Integral Controller: No
Interface: MF/M2FM
Price: \$1,550, without controller
Distribution Method: OEM
Number Installed to Date: 500-
1,000
Date First Installed: March 1982
(See Vendor Profile Page V-22)

MICRO PERIPHERALS, INC.
41
Disk Diameter: 8 in.
Compatibility: IBM Personal
Computer
Capacity: 800K bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 177 msec
Mean Time Between Failure: 9,200
hours
Integral Controller: No
Interface: Shugart
Price: \$250, without controller
Distribution Method: End user
Date First Installed: January 1983
(See Vendor Profile Page V-24)

MICRO PERIPHERALS, INC.
52
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Capacity: 512K bytes, unformatted
Average Access Time: 83 msec
Mean Time Between Failure: 9,200
hours
Interface: Shugart
Date First Installed: 1979

MICRO PERIPHERALS, INC.
91
Disk Diameter: 5 1/4 in.
Capacity: 512K bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 9,200
hours
Integral Controller: No
Interface: Shugart
Price: \$190, without controller
Distribution Method: Third-party
Date First Installed: June 1980

MICRO PERIPHERALS, INC.
92
Disk Diameter: 5 1/4 in.

Compatibility: IBM Personal
Computer
Capacity: 1M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 9,200
hours
Integral Controller: No
Interface: Shugart
Price: \$200, without controller
Distribution Method: Third-party
Date First Installed: December 1980

MICRO PERIPHERALS, INC.
502
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Capacity: 512K bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 83 msec
Mean Time Between Failure: 9,200
hours
Integral Controller: No
Interface: Shugart
Price: \$165, without controller
Distribution Method: Third-party
Date First Installed: March 1983

MICRO PERIPHERALS, INC.
901
Capacity: 512K bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 9,200
hours
Integral Controller: No
Interface: Shugart
Price: \$175, without controller
Distribution Method: Third-party
Date First Installed: April 1983

MICRO PERIPHERALS, INC.
902
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Capacity: 1M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 9,200
hours
Integral Controller: No
Interface: Shugart
Price: \$190, without controller
Distribution Method: End user
Date First Installed: April 1983

MICROPOLIS CORP.
1115-IV
Disk Diameter: 5 1/4 in.
Plug Compatibility: Micropolis 1015-
IV, Tandon TM 100-4M
Capacity: 980K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 154 msec
Mean Time Between Failure: 8,500
hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Shugart SA 400
Price: \$248, without controller
Number Installed to Date: 250,000
(See Vendor Profile Page V-24)

MICROPOLIS CORP.
1115-V
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart SA 410;
Micropolis 1015-V
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 160 msec
Mean Time Between Failure: 8,500
hours

Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Shugart SA 400
Price: \$199, without controller
Distribution Method: OEM
Number Installed to Date: 250,000

MICROPOLIS CORP.
1115-VI
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart SA 460;
Micropolis 1015-IV
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 160 msec
Mean Time Between Failure: 8,500
hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Shugart SA 400
Price: \$248, without controller
Distribution Method: OEM
Number Installed to Date: 250,000

MICRO-SCI
A-143
Disk Diameter: 5 1/4 in.
Compatibility: Apple III
Plug Compatibility: Apple Disk III
Capacity: 572K bytes, unformatted
Average Access Time: 18 msec
Mean Time Between Failure: 9,500
hours
Maximum Drives Per Controller: 3
Integral Controller: No
Interface: Apple GCR
Price: \$659, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000
Date First Installed: June 1982
(See Vendor Profile Page V-24)

MICRO-SCI
PRO-140
Disk Diameter: 5 1/4 in.
Compatibility: Commodore 64
Plug Compatibility: Commodore
Capacity: 572K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 5 msec
Mean Time Between Failure: 9,500
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Parallel
Price: \$659, without controller;
\$788, with controller
Distribution Method: Third-party
Date First Installed: 1983

MILTOPE CORP.
DD450
Disk Diameter: 8 in.
Compatibility: IBM 3740, IBM 4964
Capacity: 800K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 5 msec
Mean Time Between Failure:
77,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$16,000, with controller
Distribution Method: OEM
Date First Installed: 1978
(See Vendor Profile Page V-24)

MITSUBISHI ELECTRONICS
AMERICA, INC.
M4852
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure:
10,000 hours

Floppy Disk Drives

Integral Controller: No
Interface: Shugart
Price: \$450, without controller
Distribution Method: OEM
Date First Installed: April 1982

MITSUBISHI ELECTRONICS AMERICA, INC.

MA853
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart
Price: \$450, without controller
Distribution Method: OEM
Date First Installed: April 1982

NCR CORP.

7542
Disk Diameter: 8 in.
Compatibility: NCR 9020, 9010
Capacity: 1M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 96 msec
Integral Controller: No
Price: \$3,500, without controller
Distribution Method: End user
Date First Installed: 1982
(See Vendor Profile Page V-25)

NISSEI SANGYO AMERICA, LTD.

FB500
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart SA 400
Price: \$300, without controller
Distribution Method: OEM
Date First Installed: January 1983
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.

8120
Disk Diameter: 8 in.
Compatibility: Nixdorf 8860
Capacity: 1M bytes, unformatted
Transfer Rate: 32K byte/sec
Average Access Time: 470 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$2,300, without controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
(See Vendor Profile Page V-26)

QUME CORP.

QUIMETRAK 592
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 95 msec
Mean Time Between Failure: 8,800 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: ANSI X3.80
Price: \$315, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000
(See Vendor Profile Page V-30)

RANA SYSTEMS

ELITE THREE
Disk Diameter: 5 1/4 in.

Plug Compatibility: Apple Disk; Franklin USCI
Capacity: 652K bytes, formatted
Average Access Time: 150 msec
Mean Time Between Failure: 9,200 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$585, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: February 1982
(See Vendor Profile Page V-30)

SEMIODISK SYSTEMS

SEMIODISK 4841
Compatibility: Tandy TRS 80/II
Capacity: 512K bytes, unformatted
Transfer Rate: 300K byte/sec
Average Access Time: 1 msec
Maximum Drives Per Controller: 16
Integral Controller: Yes
Price: \$1,495, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: March 1982
(See Vendor Profile Page V-32)

SHUGART ASSOCIATES, INC.

SA460
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 158 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
Date First Installed: March 1981
(See Vendor Profile Page V-32)

SHUGART ASSOCIATES, INC.

SA465
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure: 10,000 hours
Distribution Method: OEM
Date First Installed: October 1982

SHUGART ASSOCIATES, INC.

SA801/801R
Disk Diameter: 8 in.
Capacity: 800K bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 210 msec
Mean Time Between Failure: 10,000 hours
Distribution Method: OEM
Date First Installed: September 1975

SHUGART ASSOCIATES, INC.

SA812
Disk Diameter: 8 in.
Capacity: 800K bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 89 msec
Mean Time Between Failure: 10,000 hours
Distribution Method: OEM
Date First Installed: August 1982

SONY COMMUNICATIONS PRODUCTS CO.

OA-D32W
Disk Diameter: 3 1/2 in.
Capacity: 1M bytes, formatted
Average Access Time: 350 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No

Distribution Method: OEM
Date First Installed: October 1983
(See Vendor Profile Page V-32)

SONY COMMUNICATIONS PRODUCTS CO.

SMI-7011
Disk Diameter: 3 1/2 in.
Compatibility: Sony SMC 70
Capacity: 550K bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 365 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$650, with controller
Distribution Method: Third-party
Date First Installed: October 1982

SONY COMMUNICATIONS PRODUCTS CO.

SMI-7013
Disk Diameter: 3 1/2 in.
Capacity: 550K bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 365 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$775, with controller
Distribution Method: Third-party
Date First Installed: October 1982

STANDUN CONTROLS, INC.

MICRO-SCI-A143
Disk Diameter: 5 1/4 in.
Compatibility: Apple II
Capacity: 572K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Integral Controller: No
Interface: Apple GCR
Price: \$659, without controller
Distribution Method: OEM, Third-party
Date First Installed: April 1982
(See Vendor Profile Page V-33)

STANDUN CONTROLS, INC.

MICRO-SCI-A457
Disk Diameter: 5 1/4 in.
Compatibility: Commodore 64
Capacity: 572K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Parallel access
Price: \$479, with controller
Distribution Method: OEM, Third-party
Date First Installed: June 1983

TANDON CORP.

TM35
Disk Diameter: 3 1/2 in.
Capacity: 875K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: March 1983
(See Vendor Profile Page V-34)

TANDON CORP.

TM51
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted

Transfer Rate: 250K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: March 1983

TANDON CORP.

TM100-4
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 9 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: June 1976

TANDON CORP.

TM101-4
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: June 1976

TANDON CORP.

TM848-1
Disk Diameter: 8 in.
Capacity: 800K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: April 1981

TEAC CORP. OF AMERICA

FD55-F
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 3 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: 3410 Connector
Price: \$395, without controller
Distribution Method: End user
Date First Installed: March 1982
(See Vendor Profile Page V-34)

TOSHIBA AMERICA, INC.

ND-04D
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart
Capacity: 512K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 95 msec
Integral Controller: No
Interface: Shugart
Distribution Method: OEM
Date First Installed: October 1982
(See Vendor Profile Page V-37)

TOSHIBA AMERICA, INC.

ND-06D
Disk Diameter: 5 1/4 in.
Compatibility: Shugart
Capacity: 1M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 79 msec
Integral Controller: No

Floppy Disk Drives

Interface: Shugart
Distribution Method: OEM
Date First Installed: October 1982

TRAK MICROCOMPUTER CORP.

PC-2
Compatibility: IBM Personal Computer
Capacity: 640K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Ansi
Price: \$495, without controller
Distribution Method: Third-party
Number Installed to Date: 500
Date First Installed: January 1983
(See Vendor Profile Page V-37)

TRAK MICROCOMPUTER CORP.

PC-4
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 640K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Ansi
Price: \$495, without controller
Distribution Method: Third-party
Number Installed to Date: 125
Date First Installed: June 1983

WANG LABORATORIES, INC.

2270A-3
Disk Diameter: 8 in.
Compatibility: Wang 2200
Capacity: 750K bytes, unformatted
Price: \$6,200, without controller
(See Vendor Profile Page V-39)

WESTERN TELEMATIC, INC.

DATA MATE-II-DUAL
Disk Diameter: 5 1/4 in.
Capacity: 656K bytes, unformatted
Transfer Rate: 1.2M byte/sec
Average Access Time: 12 msec
Integral Controller: No
Interface: RS-232
Price: \$3,195, without controller
Distribution Method: End user
Date First Installed: January 1981
(See Vendor Profile Page V-39)

WESTERN TELEMATIC, INC.

MINI MATE-III
Disk Diameter: 5 1/4 in.
Capacity: 816K bytes, unformatted
Transfer Rate: 1.2M byte/sec
Average Access Time: 12 msec
Integral Controller: No
Interface: RS-232
Price: \$1,995, without controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: April 1982

WORLD STORAGE TECHNOLOGY, LTD.

FDD190-B
Disk Diameter: 8 in.
Capacity: 800K bytes, formatted
Transfer Rate: 62K byte/sec
Average Access Time: 91 msec
Mean Time Between Failure: 6,000 hours
Integral Controller: No

Interface: Ansi X319.2
Price: \$600, without controller
Distribution Method: OEM
Number Installed to Date: 60,000
Date First Installed: 1975
(See Vendor Profile Page V-39)

WORLD STORAGE TECHNOLOGY, LTD.

FDD221-5
Disk Diameter: 5 1/4 in.
Capacity: 1M bytes, unformatted
Transfer Rate: 31K byte/sec
Average Access Time: 146 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Ansi X319.2
Price: \$550, without controller
Distribution Method: OEM
Number Installed to Date: 20,000
Date First Installed: November 1981

ZENITH DATA SYSTEMS

ZENITH Z37
Disk Diameter: 5 1/4 in.
Compatibility: Zenith 290
Capacity: 640K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 260 msec
Integral Controller: No
Price: \$1,699, without controller
Distribution Method: Third-party
(See Vendor Profile Page V-40)

Capacities Under 512K Bytes

AEROCOMP, INC.

40 TRACK DOUBLE SIDED COMPLETE
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80; IBM Personal Computer; TI 99-4A
Capacity: 250K bytes, unformatted
Average Access Time: 6 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$279, without controller
Distribution Method: End user
Number Installed to Date: 10,000-50,000
(See Vendor Profile Page V-1)

AEROCOMP, INC.

40 TRACK SINGLE SIDED FLIPPY
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80; IBM Personal Computer; TI 99-4A
Capacity: 125K bytes, formatted
Average Access Time: 6 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$239, without controller
Distribution Method: End user
Number Installed to Date: 10,000-50,000

AEROCOMP, INC.

80 TRACK SINGLE SIDED COMPLETE
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80; IBM Personal Computer; TI 99-4A
Capacity: 125K bytes, formatted
Average Access Time: 6 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$199, without controller

Distribution Method: End user
Number Installed to Date: 10,000-50,000

AEROCOMP, INC.

80 TRACK DOUBLE SIDED
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80; IBM Personal Computer; TI 99-4A
Capacity: 500K bytes, unformatted
Average Access Time: 6 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$379, without controller
Distribution Method: End user
Number Installed to Date: 10,000-50,000

AEROCOMP, INC.

80 TRACK FLIPPY
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80; IBM Personal Computer; TI 99-4A
Capacity: 250K bytes, unformatted
Average Access Time: 6 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$239, without controller
Distribution Method: End user
Number Installed to Date: 10,000-50,000

AEROCOMP, INC.

80 TRACK SINGLE SIDED COMPLETE
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80; IBM Personal Computer; TI 99-4A
Capacity: 250K bytes, unformatted
Average Access Time: 6 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Price: \$299, without controller
Distribution Method: End user
Number Installed to Date: 10,000-50,000

AEROCOMP, INC.

APPLE COMPATIBLE
Disk Diameter: 5 1/4 in.
Compatibility: Apple II; Franklin
Capacity: 200K bytes, formatted
Average Access Time: 6 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: Yes
Price: \$279, without controller; \$369, with controller
Distribution Method: End user
Number Installed to Date: 10,000-50,000

AMDEK

AMDISK I
Disk Diameter: 3 in.
Compatibility: Apple II
Capacity: 286K bytes, unformatted
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$299, without controller
Distribution Method: Third-party
Date First Installed: July 1983
(See Vendor Profile Page V-2)

AM ELECTRONICS

210-C
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80/I, TRS-80/II, TRS-80/III; Zenith
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec

Average Access Time: 6 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart
Price: \$450, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: October 1982
(See Vendor Profile Page V-2)

AM ELECTRONICS

6108-C
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80/I, TRS-80/II, TRS-80/III; Zenith
Capacity: 125K bytes, formatted
Transfer Rate: 16K byte/sec
Average Access Time: 12 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart
Price: \$390, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000

ANALOG & DIGITAL PERIPHERALS

E-Z-DISC 1
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, unformatted
Average Access Time: 2 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: RS-232, RS-422
Price: \$950, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: 1983
(See Vendor Profile Page V-3)

ANALOG & DIGITAL PERIPHERALS

E-Z-DISC 2
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, unformatted
Average Access Time: 2 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: RS-232, RS-422
Price: \$1,000, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: 1983

APPLE COMPUTER, INC.

DISK II
Disk Diameter: 5 1/4 in.
Compatibility: Apple II
Capacity: 140K bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: No
Interface: Apple
Distribution Method: Third-party
Number Installed to Date: More than 50,000
(See Vendor Profile Page V-3)

APPLE COMPUTER, INC.

DISK III
Disk Diameter: 5 1/4 in.

Floppy Disk Drives

Compatibility: Apple III
Capacity: 140K bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Apple
Distribution Method: Third-party
Number Installed to Date: More than 50,000

ATARI, INC.

1030
Disk Diameter: 5 1/4 in.
Compatibility: Atari
Capacity: 88K bytes, unformatted
Transfer Rate: 20K byte/sec
Average Access Time: 25 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Atari SIO
Price: \$450, with controller
Distribution Method: Third-party
Date First Installed: May 1983
(See Vendor Profile Page V-4)

CGRS MICROTECH, INC.

340-1
Disk Diameter: 3 1/2 in.
Compatibility: Commodore CBM;
 Rockwell
Capacity: 296K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: June 1978
(See Vendor Profile Page V-6)

CGRS MICROTECH, INC.

540-1
Disk Diameter: 5 1/4 in.
Compatibility: Commodore CBM;
 Rockwell
Capacity: 296K bytes, unformatted
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$595, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: June 1978

CGRS MICROTECH, INC.

C340-1
Disk Diameter: 3 1/2 in.
Compatibility: Commodore 64
Capacity: 296K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Distribution Method: OEM
Date First Installed: April 1983

CGRS MICROTECH, INC.

C540-1
Disk Diameter: 5 1/4 in.
Compatibility: Commodore 64
Capacity: 296K bytes, unformatted
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours

Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$595, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: April 1983

COMMODORE BUSINESS MACHINES, INC.

CBM 4046
Disk Diameter: 5 1/4 in.
Capacity: 340K bytes, formatted
Transfer Rate: 125K byte/sec
Maximum Drives Per Controller: 2
Date First Installed: 1981
(See Vendor Profile Page V-7)

COMMODORE BUSINESS MACHINES, INC.

CBM 2031
Disk Diameter: 5 1/4 in.
Capacity: 170K bytes, formatted
Transfer Rate: 125K byte/sec
Price: \$595, without controller
Date First Installed: 1980

CONTROL DATA CORP.

CDC 9408
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, formatted
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$160, without controller
Distribution Method: OEM, Third-party
Number Installed to Date: More than 50,000
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

CDC 9409
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Distribution Method: OEM

CONTROL DATA CORP.

CDC 9428
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 81 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$150, without controller
Distribution Method: OEM
Date First Installed: 1983

CONTROL DATA CORP.

CERTAINTY 210 SERIES
Disk Diameter: 8 in.
Compatibility: IBM Series/1
Capacity: 246K bytes, unformatted
Transfer Rate: 32K byte/sec
Average Access Time: 160 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,950, with controller
Distribution Method: End user, OEM
Date First Installed: 1979

CROMEMCO, INC.

DDF
Disk Diameter: 5 1/4 in.

Capacity: 390K bytes, unformatted
Transfer Rate: 25K byte/sec
Average Access Time: 150 msec
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$1,295, without controller;
 \$2,135, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: January 1981
(See Vendor Profile Page V-9)

DATA SYSTEMS DESIGN, INC.

DS4 440
Disk Diameter: 8 in.
Compatibility: DEC
Capacity: 500K bytes, unformatted
Transfer Rate: 20K byte/sec
Average Access Time: 296 msec
Mean Time Between Failure: 15,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: DMA
Price: \$3,895, with controller
Distribution Method: End user, OEM
Number Installed to Date: 1,200
Date First Installed: 1979
(See Vendor Profile Page V-11)

DICTAPHONE CORP.

6430
Disk Diameter: 5 1/4 in.
Compatibility: Dictaphone
Capacity: 237K bytes, unformatted
Transfer Rate: 1M byte/sec
Mean Time Between Failure: 4,368 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: End user
Number Installed to Date: Under 100
(See Vendor Profile Page V-12)

DIGITAL EQUIPMENT CORP.

RX50
Disk Diameter: 5 1/4 in.
Compatibility: DEC Rainbow 100,
 Decmate II, Professional, Micro/PDP-11
Capacity: 409K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 164 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$995, with controller
Distribution Method: End user, OEM, Third-party
Number Installed to Date: More than 50,000
Date First Installed: September 1982
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.

RX01
Disk Diameter: 8 in.
Capacity: 256K bytes, unformatted
Transfer Rate: 31K byte/sec
Distribution Method: End user
Date First Installed: 1976

EX-CELL-O, INC.

RFD460
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 54 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi
Price: \$360, without controller

Distribution Method: OEM
Date First Installed: November 1981
(See Vendor Profile Page V-15)

EX-CELL-O, INC.

RFD481
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, formatted
Average Access Time: 54 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi
Price: \$305, without controller
Distribution Method: OEM
Date First Installed: November 1982

EX-CELL-O, INC.

RFD485
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 93 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Ansi
Price: \$295, without controller
Distribution Method: OEM

EX-CELL-O, INC.

RFD486
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, formatted
Average Access Time: 93 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Ansi
Price: \$235, without controller
Distribution Method: OEM

EX-CELL-O, INC.

RFD961
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi
Price: \$360, without controller
Distribution Method: OEM
Date First Installed: November 1982

EX-CELL-O, INC.

RFD966
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Ansi
Price: \$295, without controller
Distribution Method: OEM

FOURTH DIMENSION SYSTEMS

FDS-40A
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIE
Capacity: 288K bytes, formatted
Average Access Time: 298 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$205, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
(See Vendor Profile Page V-15)

Floppy Disk Drives

FOURTH DIMENSION SYSTEMS FDS-40AWC

Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIc
Capacity: 288K bytes, formatted
Average Access Time: 298 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$280, with controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000

FOURTH DIMENSION SYSTEMS S111-5

Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Zenith, Tandy
Capacity: 320K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$185, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000

FOURTH DIMENSION SYSTEMS S211-5

Disk Diameter: 5 1/4 in.
Compatibility: IBM, Zenith, Tandy
Capacity: 320K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$235, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000

FRANKLIN COMPUTER CORP. ACE 10

Disk Diameter: 5 1/4 in.
Compatibility: Franklin; Apple II
Capacity: 143K bytes, unformatted
Average Access Time: 18 msec
Integral Controller: No
Price: \$399, without controller
Distribution Method: End user
Date First Installed: April 1982
(See Vendor Profile Page V-15)

HEWLETT-PACKARD CO. 9121S (SINGLE)

Disk Diameter: 3 1/2 in.
Compatibility: HP 1000, Series 80, Series 100, Series 200
Capacity: 270K bytes, unformatted
Transfer Rate: 1K byte/sec
Average Access Time: 415 msec
Mean Time Between Failure: 24,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: HP-IB, IEEE-488
Price: \$1,200, with controller
Distribution Method: End user
Number Installed to Date: 10,000-50,000
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO. 9130A

Disk Diameter: 5 1/4 in.
Compatibility: HP 86

Capacity: 270K bytes, unformatted
Transfer Rate: 7K byte/sec
Average Access Time: 187 msec
Mean Time Between Failure: 24,000 hours
Maximum Drives Per Controller: 2
Integral Controller: No
Price: \$860, without controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000

HEWLETT-PACKARD CO. 82902M (SINGLE)

Disk Diameter: 5 1/4 in.
Compatibility: HP Series 80, Series 100, Series 200
Capacity: 270K bytes, unformatted
Transfer Rate: 7K byte/sec
Average Access Time: 187 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: HP-IB
Price: \$1,520, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000

IBM

4-INCH

Disk Diameter: 4 in.
Capacity: 358K bytes, formatted
Transfer Rate: 41K byte/sec
Price: \$165, without controller
Date First Installed: January 1983
(See Vendor Profile Page V-17)

IBM

320KB

Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 320K bytes, formatted
Price: \$650, without controller
Date First Installed: January 1982

LOBO SYSTEMS, INC. 3101

Disk Diameter: 5 1/4 in.
Compatibility: Apple II+
Capacity: 143K bytes, unformatted
Transfer Rate: 16K byte/sec
Average Access Time: 298 msec
Maximum Drives Per Controller: 2
Price: \$385, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: 1979
(See Vendor Profile Page V-22)

LOBO SYSTEMS, INC. 3101-I

Disk Diameter: 5 1/4 in.
Compatibility: Apple
Capacity: 143K bytes, unformatted
Transfer Rate: 16K byte/sec
Average Access Time: 298 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$455, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: 1979

MATCHLESS SYSTEMS 40 TRACK DD/DF

Disk Diameter: 5 1/4 in.
Compatibility: Matchless 800; IBM Personal Computer; Zenith Z37
Capacity: 250K bytes, formatted
Average Access Time: 6 msec

Integral Controller: No
Interface: MFM/M2FM
Price: \$880, without controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: March 1982
(See Vendor Profile Page V-22)

MATCHLESS SYSTEMS

MTU/ISH 80 TRACK DD/DF
Disk Diameter: 5 1/4 in.
Compatibility: Matchless 800; IBM Personal Computer; Zenith Z37
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 6 msec
Integral Controller: No
Interface: MFM/M2FM
Price: \$1,029, without controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: March 1982

MICRO PERIPHERALS, INC. 51

Disk Diameter: 5 1/4 in.
Compatibility: IBM
Capacity: 256K bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 83 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Shugart
Price: \$150, without controller
Distribution Method: Third-party
Date First Installed: October 1978
(See Vendor Profile Page V-24)

MICRO PERIPHERALS, INC. 501

Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 256K bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Shugart
Price: \$235, without controller
Distribution Method: End user
Number Installed to Date: 750,000
Date First Installed: October 1982

MICROPOLIS CORP.

1115-II
Disk Diameter: 5 1/4 in.
Plug Compatibility: Micropolis 1015-II; Tandon TM100-3M
Capacity: 480K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 154 msec
Mean Time Between Failure: 8,500 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Shugart SA 400
Price: \$199, without controller
Number Installed to Date: 250,000
(See Vendor Profile Page V-24)

MICRO-SCI

A-2
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIc
Plug Compatibility: Apple Disk II
Capacity: 143K bytes, unformatted
Average Access Time: 18 msec
Mean Time Between Failure: 9,500 hours

Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple GCR
Price: \$345, without controller; \$475, with controller
Distribution Method: Third-party
Number Installed to Date: 40,000
Date First Installed: December 1981
(See Vendor Profile Page V-24)

MICRO-SCI

A-3

Disk Diameter: 5 1/4 in.
Compatibility: Apple III
Plug Compatibility: Apple Disk III
Capacity: 143K bytes, unformatted
Average Access Time: 18 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 3
Integral Controller: No
Interface: Apple GCR
Price: \$379, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000
Date First Installed: June 1982

MICRO-SCI

A-40

Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIc
Plug Compatibility: Apple Disk II
Capacity: 164K bytes, unformatted
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple GCR
Price: \$379, without controller; \$479, with controller
Number Installed to Date: 5,000
Date First Installed: January 1981

MICRO-SCI

A-70

Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIc
Plug Compatibility: Apple Disk II
Capacity: 256K bytes, unformatted
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple GCR
Price: \$529, without controller; \$629, with controller
Number Installed to Date: 5,000
Date First Installed: January 1981

MICRO-SCI

A-73

Disk Diameter: 5 1/4 in.
Compatibility: Apple III
Plug Compatibility: Apple Disk III
Capacity: 286K bytes, unformatted
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 3
Integral Controller: No
Interface: Apple GCR
Price: \$529, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000
Date First Installed: June 1982

MICRO-SCI

A-82

Disk Diameter: 5 1/4 in.
Compatibility: Apple II
Capacity: 230K bytes, unformatted

Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple GCR
Price: \$569, without controller;
\$669, with controller
Distribution Method: Third-party
Date First Installed: June 1983

MICRO-SCI
FHD-40
Disk Diameter: 5 1/4 in.
Compatibility: Commodore 64
Plug Compatibility: Commodore 64
Capacity: 164K bytes, unformatted
Average Access Time: 18 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Parallel
Price: \$299, without controller;
\$428, with controller
Distribution Method: Third-party
Date First Installed: September 1983

MICRO-SCI
FHD-70
Disk Diameter: 5 1/4 in.
Compatibility: Commodore 64
Plug Compatibility: Commodore 64
Capacity: 286K bytes, unformatted
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Parallel
Price: \$529, without controller;
\$658, with controller
Date First Installed: September 1983

MIDWEST SCIENTIFIC INSTRUMENTS, INC.
FD-8
Disk Diameter: 8 in.
Compatibility: MSI 6800
Plug Compatibility: CDC 9404;
Shugart 801
Capacity: 256K bytes, formatted
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: FDB
Price: \$2,000, without controller
Distribution Method: End user
Number Installed to Date: 5,000
Date First Installed: January 1976
(See Vendor Profile Page V-24)

MILTOPE CORP.
DD400
Disk Diameter: 8 in.
Compatibility: IBM 3740
Capacity: 400K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 6 msec
Mean Time Between Failure: 7,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$13,000, with controller
Distribution Method: OEM
Date First Installed: 1978
(See Vendor Profile Page V-24)

MITSUBISHI ELECTRONICS AMERICA, INC.
M4851
Disk Diameter: 5 1/4 in.

Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart
Price: \$400, without controller
Distribution Method: OEM
Date First Installed: February 1983
(See Vendor Profile Page V-25)

MITSUBISHI ELECTRONICS AMERICA, INC.
MF351
Disk Diameter: 3 1/2 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 94 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart
Price: \$350, without controller
Distribution Method: OEM

NIHODOR COMPUTER CORP.
8540
Disk Diameter: 8 in.
Compatibility: IBM 3540
Capacity: 243K bytes, unformatted
Transfer Rate: 31K byte/sec
Average Access Time: 91 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$1,825, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1981
(See Vendor Profile Page V-26)

PERCOM DATA CORP.
AT-88 S1/A1/S2
Disk Diameter: 5 1/4 in.
Compatibility: Atari 400, 800
Capacity: 88K bytes, unformatted
Transfer Rate: 3K byte/sec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$749, with controller
(See Vendor Profile Page V-28)

PERCOM DATA CORP.
IBM 40 SERIES
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 320K bytes, unformatted
Transfer Rate: 31K byte/sec
Price: \$549, without controller

PERCOM DATA CORP.
TFD 340N2/340N2
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80/II
Capacity: 31K bytes, unformatted
Price: \$1,099, without controller

PERSONAL MICRO COMPUTERS, INC.
FDD-420
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Shugart
Price: \$295, without controller
Distribution Method: OEM
Date First Installed: March 1983

QUENTIN RESEARCH, INC.
AP-100
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIe
Capacity: 160K bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 298 msec
Mean Time Between Failure: 8,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple
Price: \$335, without controller;
\$400, with controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: June 1982
(See Vendor Profile Page V-30)

QUME CORP.
QUMETRAK 142
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 160 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Ansi X3.80
Price: \$185, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000
(See Vendor Profile Page V-30)

QUME CORP.
QUMETRAK 542
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 241 msec
Mean Time Between Failure: 9,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Ansi X3.80
Price: \$210, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000

RANA SYSTEMS
ELITE ONE
Disk Diameter: 5 1/4 in.
Compatibility: Franklin
Plug Compatibility: Apple
Capacity: 163K bytes, formatted
Transfer Rate: 300K byte/sec
Average Access Time: 84 msec
Mean Time Between Failure: 9,200 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$285, without controller
Distribution Method: Third-party
Number Installed to Date: 10,000-50,000
Date First Installed: March 1982
(See Vendor Profile Page V-30)

RANA SYSTEMS
ELITE TWO
Disk Diameter: 5 1/4 in.
Plug Compatibility: Apple Disk;
Franklin USCI
Capacity: 326K bytes, formatted
Average Access Time: 84 msec
Mean Time Between Failure: 9,200 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$455, without controller

Distribution Method: Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: December 1982

R-Q-B DESIGNS, INC.
MINI TAUR II
Disk Diameter: 5 1/4 in.
Compatibility: Apple II+, Apple IIe,
Apple II+, Franklin Ace 1000
Plug Compatibility: Apple Disk II
Capacity: 163K bytes, unformatted
Average Access Time: 180 msec
Mean Time Between Failure: 8,000 hours
Price: \$350, without controller
Distribution Method: Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-31)

R-Q-B DESIGNS, INC.
MINI TAUR II
Disk Diameter: 5 1/4 in.
Compatibility: Apple II+, Apple IIe,
Franklin Ace, Basis 108
Capacity: 163K bytes, unformatted
Average Access Time: 180 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple
Price: \$359, without controller
Distribution Method: Third-party
Date First Installed: February 1983

R-Q-B DESIGNS, INC.
SHUGART SA 455
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 93 msec
Mean Time Between Failure: 10,000 hours
Price: \$375, without controller
Distribution Method: Third-party
Date First Installed: March 1983

R-Q-B DESIGNS, INC.
TAUR II
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple IIe,
Apple II+
Plug Compatibility: Apple Disk II
Capacity: 163K bytes, unformatted
Average Access Time: 28 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$300, without controller;
\$350, with controller
Distribution Method: Third-party
Number Installed to Date: 30,000
Date First Installed: June 1981

SANYO BUSINESS SYSTEMS CORP.
EFD-160 MODEL 1000
Disk Diameter: 5 1/4 in.
Compatibility: Sanyo MBC1000
Capacity: 320K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 281 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$695, without controller
Distribution Method: Third-party
Number Installed to Date: More than 50,000
Date First Installed: April 1982
(See Vendor Profile Page V-31)

Floppy Disk Drives

SANYO BUSINESS SYSTEMS CORP.

EPD-360
Disk Diameter: 5 1/4 in.
Compatibility: Sanyo MBC1000
Capacity: 320K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 281 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Shugart
Price: \$1,295, without controller
Distribution Method: Third-party
Date First Installed: July 1982

SHUGART ASSOCIATES, INC.

SA200
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 358 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
(See Vendor Profile Page V-32)

SHUGART ASSOCIATES, INC.

SA300
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 158 msec
Mean Time Between Failure: 10,000 hours
Interface: SCSI; SMD; Seagate ST506; Trident
Distribution Method: OEM
Date First Installed: February 1983

SHUGART ASSOCIATES, INC.

SA400
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 275 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
Date First Installed: September 1976

SHUGART ASSOCIATES, INC.

SA405
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 93 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
Date First Installed: May 1982

SHUGART ASSOCIATES, INC.

SA410
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 158 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
Date First Installed: February 1981

SHUGART ASSOCIATES, INC.

SA450
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 275 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
Date First Installed: January 1980

SHUGART ASSOCIATES, INC.

SA455
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 93 msec
Mean Time Between Failure: 10,000 hours
Distribution Method: OEM
Date First Installed: October 1982

SONY COMMUNICATIONS PRODUCTS CO.

OA-032V
Disk Diameter: 3 1/2 in.
Capacity: 500K bytes, formatted
Average Access Time: 350 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$340, without controller
Distribution Method: OEM
Date First Installed: May 1983
(See Vendor Profile Page V-32)

SONY COMMUNICATIONS PRODUCTS CO.

SMI-7014 (ADD-ON DRIVE FOR 7011)
Disk Diameter: 3 1/2 in.
Compatibility: Sony 7011
Capacity: 280K bytes, unformatted
Transfer Rate: 63K byte/sec
Average Access Time: 365 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$500, without controller
Distribution Method: Third-party
Date First Installed: May 1981

SONY COMMUNICATIONS PRODUCTS CO.

OA-031V
Disk Diameter: 3 1/2 in.
Capacity: 385 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: No
Price: \$340, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: November 1981

STANDUN CONTROLS, INC.

MICRO-SCI-A2
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIe; Franklin Ace
Plug Compatibility: Apple Disk II
Capacity: 143K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 18 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple GCR
Price: \$345, without controller; \$445, with controller
Distribution Method: OEM, Third-party
Date First Installed: June 1981
(See Vendor Profile Page V-33)

STANDUN CONTROLS, INC.

MICRO-SCI-A3
Disk Diameter: 5 1/4 in.
Compatibility: Apple II
Capacity: 143K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 18 msec

Mean Time Between Failure: 9,500 hours

Integral Controller: No
Interface: Apple GCR
Price: \$379, without controller
Distribution Method: OEM, Third-party
Date First Installed: April 1982

STANDUN CONTROLS, INC.

MICRO-SCI-A40
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Franklin; Syscom BAS
Plug Compatibility: Apple Disk II
Capacity: 164K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple GCR
Price: \$379, without controller; \$479, with controller
Distribution Method: OEM, Third-party
Date First Installed: June 1979

STANDUN CONTROLS, INC.

MICRO-SCI-A70
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Franklin; Syscom
Plug Compatibility: Apple Disk II
Capacity: 286K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Apple GCR
Price: \$529, without controller; \$629, with controller
Distribution Method: OEM, Third-party
Date First Installed: June 1981

STANDUN CONTROLS, INC.

MICRO-SCI-A73
Disk Diameter: 5 1/4 in.
Compatibility: Apple III
Capacity: 286K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Integral Controller: No
Interface: Apple GCR
Price: \$529, without controller
Distribution Method: OEM, Third-party
Date First Installed: April 1982

STANDUN CONTROLS, INC.

MICRO-SCI-6414
Disk Diameter: 5 1/4 in.
Compatibility: Commodore 64
Capacity: 143K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 18 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Parallel access
Distribution Method: OEM, Third-party
Date First Installed: June 1983

STANDUN CONTROLS, INC.

MICRO-SCI-6428
Disk Diameter: 5 1/4 in.
Compatibility: Commodore 64

Capacity: 286K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 5 msec
Mean Time Between Failure: 9,500 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Parallel access
Distribution Method: OEM, Third-party
Date First Installed: June 1983

TANDON CORP.

T100-2
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: June 1976
(See Vendor Profile Page V-34)

TANDON CORP.

TM50
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 287 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: March 1983

TANDON CORP.

TM100-1
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: June 1976

TANDON CORP.

TM100-3
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: June 1976

TANDY CORP.

TAS-80 2811-64
Disk Diameter: 5 1/4 in.
Compatibility: RS-3
Plug Compatibility: Shugart SA 400
Capacity: 186K bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 200 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$449, without controller
Distribution Method: Third-party
Number Installed to Date: More than 50,000
Date First Installed: July 1981
(See Vendor Profile Page V-34)

Floppy Disk Drives

TEAC CORP. OF AMERICA

FD-30
Disk Diameter: 3 in.
Plug Compatibility: Shugart
Capacity: 250K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 3 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: No
Interface: 3410 Connector
Price: \$298, without controller
Distribution Method: End user
Date First Installed: April 1983
(See Vendor Profile Page V-34)

TEAC CORP. OF AMERICA

FD55-A
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart
Capacity: 250K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 6 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: No
Interface: 3410 Connector
Price: \$298, without controller
Distribution Method: End user
Date First Installed: March 1982

TEAC CORP. OF AMERICA

FD35-B
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 6 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: No
Interface: 3410 Connector
Price: \$360, without controller
Distribution Method: End user
Date First Installed: March 1982

TEAC CORP. OF AMERICA

FD55-E
Disk Diameter: 5 1/4 in.
Plug Compatibility: Shugart
Capacity: 500K bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 3 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: No
Interface: 3410 Connector
Price: \$360, without controller
Distribution Method: End user
Date First Installed: March 1982

TECHTRAN INDUSTRIES, INC.

88B
Disk Diameter: 5 1/4 in.
Capacity: 200K bytes, formatted
Transfer Rate: 266K byte/sec
Average Access Time: 1 msec
Mean Time Between Failure: 2,100 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: RS-232C
Price: \$1,485, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: April 1980
(See Vendor Profile Page V-36)

TECHTRAN INDUSTRIES, INC.

980XX
Disk Diameter: 5 1/4 in.
Capacity: 400K bytes, formatted
Transfer Rate: 266K byte/sec

Average Access Time: 1 msec
Mean Time Between Failure: 2,100 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: RS-232C
Price: \$1,585, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: 500-1,000
Date First Installed: October 1981

TECHTRAN INDUSTRIES, INC.

981
Disk Diameter: 5 1/4 in.
Capacity: 200K bytes, formatted
Transfer Rate: 266K byte/sec
Average Access Time: 1 msec
Mean Time Between Failure: 2,100 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: RS-232C
Price: \$1,985, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: April 1980

TERMINAL DATA CORP.

S452000-10
Disk Diameter: 5 1/4 in.
Capacity: 125K bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: Yes
Interface: RS-232
Price: \$995, without controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: July 1982
(See Vendor Profile Page V-37)

TRAK MICROCOMPUTER CORP.

0510
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple III
Capacity: 143K bytes, unformatted
Average Access Time: 20 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$300, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: August 1982
(See Vendor Profile Page V-37)

TRAK MICROCOMPUTER CORP.

AT-D1
Disk Diameter: 5 1/4 in.
Compatibility: Atari
Capacity: 88K bytes, unformatted
Transfer Rate: 16K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Atari
Price: \$499, with controller
Distribution Method: Third-party
Date First Installed: July 1983

TRAK MICROCOMPUTER CORP.

AT-D2

Disk Diameter: 5 1/4 in.
Compatibility: Atari
Capacity: 176K bytes, unformatted
Transfer Rate: 31K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Atari
Price: \$499, with controller
Distribution Method: Third-party
Date First Installed: August 1983

TRAK MICROCOMPUTER CORP.

AT-D2 DOUBLE DENSITY
Disk Diameter: 5 1/4 in.
Compatibility: Atari 400, Atari 800, Atari 1500
Capacity: 500K bytes, unformatted
Average Access Time: 5 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$550, with controller
Distribution Method: Third-party
Date First Installed: May 1983

TRAK MICROCOMPUTER CORP.

AT-D2 SINGLE DENSITY
Disk Diameter: 5 1/4 in.
Compatibility: Atari 400, Atari 800, Atari 1500
Capacity: 250K bytes, unformatted
Average Access Time: 5 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$450, with controller
Distribution Method: Third-party

TRAK MICROCOMPUTER CORP.

AT-1
Disk Diameter: 5 1/4 in.
Compatibility: Atari
Capacity: 88K bytes, unformatted
Transfer Rate: 16K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Atari
Price: \$429, with controller
Distribution Method: Third-party
Date First Installed: July 1983

TRAK MICROCOMPUTER CORP.

PC-1
Compatibility: IBM Personal Computer
Capacity: 320K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Ansi
Price: \$375, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000
Date First Installed: January 1983

TRAK MICROCOMPUTER CORP.

PC-3
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer

Capacity: 320K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Ansi
Price: \$375, without controller
Distribution Method: Third-party
Number Installed to Date: 200
Date First Installed: June 1983

TRAK MICROCOMPUTER CORP.

PI-1
Disk Diameter: 5 1/4 in.
Compatibility: Apple
Capacity: 143K bytes, unformatted
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Apple
Price: \$299, without controller
Distribution Method: Third-party
Number Installed to Date: 3,000
Date First Installed: May 1981

TRAK MICROCOMPUTER CORP.

PI-2
Disk Diameter: 5 1/4 in.
Compatibility: Apple
Capacity: 163K bytes, unformatted
Transfer Rate: 300K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Apple
Distribution Method: Third-party
Date First Installed: July 1983

TRAK MICROCOMPUTER CORP.

PI-3
Disk Diameter: 5 1/4 in.
Compatibility: Apple
Capacity: 163K bytes, unformatted
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Apple
Distribution Method: Third-party
Date First Installed: September 1983

TRAK MICROCOMPUTER CORP.

Z-1
Disk Diameter: 5 1/4 in.
Compatibility: Zenith 100
Capacity: 320K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours
Integral Controller: No
Interface: Ansi
Price: \$375, without controller
Distribution Method: Third-party
Number Installed to Date: 1,500
Date First Installed: January 1983

TRAK MICROCOMPUTER CORP.

Z-2
Disk Diameter: 5 1/4 in.
Compatibility: Zenith 100
Capacity: 320K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 100 msec
Mean Time Between Failure: 9,200 hours

Floppy Disk Drives

Integral Controller: No
Interface: Ansi
Distribution Method: Third-party
Number Installed to Date: 200
Date First Installed: 1983

VR DATA CORP.
TANDON 100-2
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer; Tandy TRS 80-1, TRS 80-III
Capacity: 320K bytes, unformatted
Transfer Rate: 250K byte/sec
Integral Controller: No
Price: \$350, without controller;
\$549, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
(See Vendor Profile Page V-39)

WANG LABORATORIES, INC.
2270A-1
Disk Diameter: 8 in.
Compatibility: Wang 2200
Capacity: 250K bytes, unformatted
Price: \$3,200, without controller
(See Vendor Profile Page V-39)

WANG LABORATORIES, INC.
2270A-2
Disk Diameter: 8 in.
Compatibility: Wang 2200
Capacity: 500K bytes, unformatted
Price: \$400, without controller

WESTERN TELEMATIC, INC.
DATA MATE-II-164K
Disk Diameter: 5 1/4 in.
Capacity: 164K bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 12 msec
Integral Controller: No
Interface: RS-232
Price: \$1,995, without controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: May 1978
(See Vendor Profile Page V-39)

WESTERN TELEMATIC, INC.
DATA MATE-II-328K
Disk Diameter: 5 1/4 in.
Capacity: 328K bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 12 msec
Integral Controller: No
Interface: RS-232
Price: \$2,195, without controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: May 1978

WESTERN TELEMATIC, INC.
MINI MATE-III-204K
Disk Diameter: 5 1/4 in.
Capacity: 204K bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 12 msec
Integral Controller: No
Interface: RS-232
Price: \$1,475, without controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: January 1979

WESTERN TELEMATIC, INC.
MINI MATE-III-408K
Disk Diameter: 5 1/4 in.
Capacity: 408K bytes, unformatted
Transfer Rate: 1,200K byte/sec

Average Access Time: 12 msec
Integral Controller: No
Interface: RS-232
Price: \$1,695, without controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: January 1979

WORLD STORAGE TECHNOLOGY, LTD.
D FDD211-5
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Ansi X319.2
Price: \$450, without controller
Distribution Method: OEM
Number Installed to Date: 50,000
Date First Installed: April 1982
(See Vendor Profile Page V-39)

WORLD STORAGE TECHNOLOGY, LTD.
FDD100-5
Disk Diameter: 5 1/4 in.
Capacity: 256K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 275 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Ansi X319.2
Price: \$350, without controller
Distribution Method: OEM
Number Installed to Date: 400,000
Date First Installed: March 1977

WORLD STORAGE TECHNOLOGY, LTD.
FDD111-5
Disk Diameter: 5 1/4 in.
Capacity: 250K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Ansi X319.2
Price: \$350, without controller
Distribution Method: OEM
Number Installed to Date: 10,000
Date First Installed: November 1981

WORLD STORAGE TECHNOLOGY, LTD.
FDD112-5
Disk Diameter: 5 1/4 in.
Capacity: 265K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 275 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi X319.2
Price: \$280, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: March 1983

WORLD STORAGE TECHNOLOGY, LTD.
FDD121-5
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 146 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No

Interface: Ansi X319.2
Price: \$450, without controller
Distribution Method: OEM
Number Installed to Date: 8,000
Date First Installed: April 1982

WORLD STORAGE TECHNOLOGY, LTD.
FDD200-5
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 275 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Ansi X319.2
Price: \$450, without controller
Distribution Method: OEM
Number Installed to Date: 20,000
Date First Installed: May 1978

WORLD STORAGE TECHNOLOGY, LTD.
FDD212-5
Disk Diameter: 5 1/4 in.
Capacity: 500K bytes, formatted
Transfer Rate: 31K byte/sec
Average Access Time: 275 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi X319.2
Price: \$330, without controller
Distribution Method: OEM
Date First Installed: July 1983

ZENITH DATA SYSTEMS
ZENITH Z87 DUAL
Disk Diameter: 5 1/4 in.
Compatibility: Z90, Z89
Capacity: 100K bytes, unformatted
Average Access Time: 433 msec
Integral Controller: No
Price: \$999, without controller
Distribution Method: Third-party
Date First Installed: 1981
(See Vendor Profile Page V-40)

Rigid Disk Drives

Capacities Over 500M Bytes

CONTROL DATA CORP.

271-10
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: IBM Series/1
Plug Compatibility: CDC Certainty
Capacity: 240 bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: SMD
Price: \$22,000, with controller
Distribution Method: End user, OEM
(See Vendor Profile Page V-9)

EMULEX CORP.

CDC-9775
Drive Type: Fixed
Disk Diameter: 14 in.
Compatibility: DEC VAX-11, PDP-11, LSI-11
Capacity: 675M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$21,600, without controller
Distribution Method: OEM
Date First Installed: October 1982
(See Vendor Profile Page V-14)

WANG LABORATORIES, INC.

2230-3
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang 2200
Capacity: 804M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$21,000, without controller
(See Vendor Profile Page V-39)

200M- to 500M-Byte Capacity

AMPEX CORP.

DM-9000
Disk Diameter: 14 in.
Capacity: 300M bytes, Formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: 1972
(See Vendor Profile Page V-2)

AMPEX CORP.

DM-9300
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 312M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 28 msec
Mean Time Between Failure: 5,000 hours
Integral Controller: No

Interface: SMD
Price: \$16,500, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1975

AMPEX CORP.

DM-9300AQ
Disk Diameter: 14 in.
Capacity: 300M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: 1980

BURROUGHS CORP.

B5404-12
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Burroughs B5900, B5900, B7500, B7900
Capacity: 252M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 29 msec
Maximum Drives Per Controller: 16
Integral Controller: No
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: May 1983
(See Vendor Profile Page V-5)

CENTURY DATA SYSTEMS, INC.

TRIDENT T200
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 208M bytes, formatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: Trident
Price: \$12,500, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1976
(See Vendor Profile Page V-6)

CENTURY DATA SYSTEMS, INC.

TRIDENT T202
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 210M bytes, formatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: SMD
Price: \$12,500, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: 1982
(See Vendor Profile Page V-6)

CENTURY DATA SYSTEMS, INC.

TRIDENT T300
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 312M bytes, formatted
Transfer Rate: 1,209K byte/sec

Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: Trident
Price: \$13,900, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1976

CENTURY DATA SYSTEMS, INC.

TRIDENT T302
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 315M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: SMD
Price: \$13,900, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1979

CENTURY DATA SYSTEMS, INC.

TRIDENT T306
Drive Type: Removable
Disk Diameter: 14 in.
Plug Compatibility: CDC 9766; Ampex 9300A
Capacity: 315M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: SMD
Price: \$13,900, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: 1982

CENTURY DATA SYSTEMS, INC.

TRIDENT T536
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 315M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: SMD
Price: \$16,000, without controller

COMPUTER AUTOMATION, INC.

45239-30
Disk Diameter: 14 in.
Compatibility: CA Model 4; DEC LSI-2
Capacity: 300M bytes, Formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$22,100, without controller
Distribution Method: End user, OEM
Date First Installed: June 1980
(See Vendor Profile Page V-8)

CONTROL DATA CORP.

CDC 9766 SMD
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 300M bytes, formatted
Transfer Rate: 1,200K byte/sec

Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: More than 50,000
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

CERTAINTY 270-30 SMD
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: IBM Series/1
Plug Compatibility: CDC Certainty
Capacity: 240M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: SMD; IBM Series/1
Distribution Method: End user, OEM
Date First Installed: 1978

DATA GENERAL CORP.

6122
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 277M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 43 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: DG Compatible
Price: \$43,350, with controller
Distribution Method: End user, OEM
Date First Installed: November 1980
(See Vendor Profile Page V-10)

DATAPoint CORP.

9331
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Datapoint
Capacity: 202M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Integral Controller: No
Price: \$17,000, with controller
Distribution Method: End user
Date First Installed: November 1980
(See Vendor Profile Page V-11)

DATAPoint CORP.

9397
Disk Diameter: 14 in.
Compatibility: Datapoint
Capacity: 270M bytes, unformatted
Transfer Rate: 1,290K byte/sec
Average Access Time: 30 msec
Integral Controller: No
Price: \$31,850, with controller
Distribution Method: End user
Date First Installed: November 1980

DIGITAL EQUIPMENT CORP.

RA80
Drive Type: Removable
Disk Diameter: 10 1/2 in.
Capacity: 205M bytes, unformatted
Transfer Rate: 2,000K byte/sec
Average Access Time: 50 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SDI, DSDI
Price: \$15,000, without controller
Distribution Method: End user, OEM
Date First Installed: 1983
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.

RM03
Drive Type: Removable

Rigid Disk Drives

Disk Diameter: 14 in.
Compatibility: DEC VAX-11, PDP-11
Capacity: 256M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 38 msec
Maximum Drives Per Controller: 8
Price: \$34,000, without controller
Date First Installed: March 1980

EMULEX CORP.

CDC-9768
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC VAX-11, PDP-11, LSI-11
Capacity: 300M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$14,920, without controller
Distribution Method: OEM
Date First Installed: October 1982
(See Vendor Profile Page V-14)

EMULEX CORP.

M2351
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC VAX-11/750, VAX-11/780
Capacity: 474M bytes, formatted
Transfer Rate: 1,800K byte/sec
Average Access Time: 18 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$12,950, without controller
Distribution Method: OEM
Date First Installed: October 1982

HARRIS CORP.

5650
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Harris
Capacity: 300M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: IDC
Price: \$19,500, without controller; \$26,500, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: March 1978
(See Vendor Profile Page V-16)

HEWLETT-PACKARD CO.

7933H/7933G
Drive Type: Fixed
Disk Diameter: 14 in.
Compatibility: HP Series 1000, 3000, 9000
Capacity: 404M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 35 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: IEEE-488; HP-IB
Price: \$25,000, with controller
Distribution Method: End user, OEM
Number Installed to Date: 5,000-10,000
Date First Installed: March 1982
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

7935H
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: HP Series 1000, 3000
Capacity: 404M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 35 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: HP-IB; IEEE-488
Price: \$27,500, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: April 1983

HONEYWELL, INC.

MSU 9604
Disk Diameter: 14 in.
Compatibility: Honeywell DPS-6
Capacity: 256M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Honeywell
Distribution Method: End user, Third-party
Date First Installed: 1977
(See Vendor Profile Page V-17)

IBM

3330 MODEL 11
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: IBM S/370, 4331, 4341
Capacity: 400M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 4
Price: \$47,920, without controller
Date First Installed: January 1973
(See Vendor Profile Page V-17)

IBM

3333 MODEL 11
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: IBM S/370, 4331, 4341
Capacity: 400M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 5
Price: \$56,450, without controller

MEMOREX CORP.

677-70
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 206M bytes, formatted
Transfer Rate: 806K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 2,500 hours
Integral Controller: No
Interface: SMD
Price: \$10,500, without controller
Distribution Method: OEM
Date First Installed: June 1981
(See Vendor Profile Page V-23)

MILTOPE CORP.

RD54502 RIGID DISK DRIVE SYSTEM
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: Nordon; DEC PDP-11; VAX-11; Rolm 1600; Sperry NTDS; Honeywell RL-6
Capacity: 320M bytes, formatted
Transfer Rate: 922K byte/sec
Average Access Time: 83 msec
Mean Time Between Failure:

10,000 hours

Integral Controller: Yes
Interface: SMD; DEC RK07, RM03; Sperry NTDS
Price: \$20,000, without controller; \$38,000, with controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: June 1982
(See Vendor Profile Page V-24)

SPERRY CORP.

8480
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Sperry 110/10
Capacity: 358M bytes, unformatted
Transfer Rate: 2,097K byte/sec
Average Access Time: 46 msec
Price: \$75,000, without controller
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-33)

SYSTEM INDUSTRIES, INC.

9766
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC VAX-11/730, PDP-11; DG Nova, Eclipse
Capacity: 300M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: 1977
(See Vendor Profile Page V-34)

TELEFILE COMPUTER PRODUCTS, INC.

T3263
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: Xerox Sigma; Telefile T-80
Capacity: 300M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 16
Integral Controller: Yes
Interface: SMD
Price: \$22,000, with controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: 1975
(See Vendor Profile Page V-36)

WANG LABORATORIES, INC.

8565
Drive Type: Removable
Disk Diameter: 8 in.
Compatibility: Wang OIS
Capacity: 275M bytes, unformatted
Price: \$34,000, without controller
Distribution Method: End user
(See Vendor Profile Page V-39)

100M- to 200M-Byte Capacity

AMPEX CORP.

DM-900
Disk Diameter: 14 in.

Capacity: 160M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: 1972
(See Vendor Profile Page V-2)

AMPEX CORP.

DM-9160
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 165M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 28 msec
Mean Time Between Failure: 5,000 hours
Integral Controller: No
Interface: SMD
Price: \$10,370, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1977

BURROUGHS CORP.

B5484-51
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Burroughs B900, B1000, B700
Capacity: 130M bytes, unformatted
Transfer Rate: 605K byte/sec
Average Access Time: 25 msec
Maximum Drives Per Controller: 8
Integral Controller: No
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: June 1976
(See Vendor Profile Page V-5)

CONTROL DATA CORP.

CERTAINTY 280 SERIES CMC
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: IBM Series/1
Capacity: 155M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$14,040, with controller
Distribution Method: End user, OEM
Date First Installed: 1982
(See Vendor Profile Page V-9)

DATA GENERAL CORP.

6061
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DG Nova, Eclipse
Capacity: 190M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 10 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: DG Compatible
Price: \$35,900, with controller
Distribution Method: End user, OEM
Date First Installed: February 1979
(See Vendor Profile Page V-10)

DICOM INDUSTRIES

DICOM 403
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Compatibility: DEC LSI-11
Capacity: 154M bytes, formatted

Rigid Disk Drives

Transfer Rate: 625K byte/sec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST-506
Price: \$10,000, with controller
Distribution Method: End user
Date First Installed: December 1982
(See Vendor Profile Page V-12)

DIGITAL EQUIPMENT CORP.
RP06
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC PDP-11, VAX-11
Capacity: 176M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 38 msec
Maximum Drives Per Controller: 8
Price: \$39,140, without controller
Date First Installed: April 1976
(See Vendor Profile Page V-13)

HEWLETT-PACKARD CO.
7925 M/S/H
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: HP Series 1000, 3000, 9845
Capacity: 120M bytes, unformatted
Transfer Rate: 1,100K byte/sec
Average Access Time: 36 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: HP-IB; IEEE-48
Price: \$22,050, without controller
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: 1978
(See Vendor Profile Page V-17)

IBM
3330 MODEL 1,2
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: IBM 360, 370, 4331, 4341
Capacity: 200M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 5
Price: \$33,670, without controller
Date First Installed: August 1971
(See Vendor Profile Page V-17)

IBM
3333 MODEL 1
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: IBM 360, 370, 4331-2, 4341
Capacity: 200M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 5
Price: \$42,200, without controller

MAXTOR CORP.
XT1105
Drive Type: Fixed
Disk Diameter: 5 1/4 in.
Capacity: 105M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 11,000 hours
Interface: Seagate ST-506, ST-412
Price: \$3,340, without controller
Distribution Method: OEM
Date First Installed: February 1983
(See Vendor Profile Page V-23)

MAXTOR CORP.
XT1140
Drive Type: Fixed
Disk Diameter: 5 1/4 in.
Capacity: 140M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 11,000 hours
Integral Controller: No
Interface: Seagate ST-506, ST-412
Price: \$4,290, without controller
Distribution Method: OEM
Date First Installed: February 1983

NCR CORP.
855
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: NCR 9300, 8500, 8600
Capacity: 182M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 38 msec
Price: \$24,650, without controller
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: 1975
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.
8330-11
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Nixdorf 8890
Plug Compatibility: IBM 3330-11
Capacity: 200M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 29 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Nixdorf
Price: \$19,170, without controller;
\$21,520, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1981
(See Vendor Profile Page V-26)

SANTA CLARA SYSTEMS, INC.
SASHIMA
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: IBM Personal Computer, XT; Apple I, II, IIe
Capacity: 120M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Sasi; Apple; IBM
Price: \$6,100 to \$16,252, with controller
Distribution Method: Third-party
Number Installed to Date: 500-1,000
Date First Installed: June 1981
(See Vendor Profile Page V-31)

SPERRY CORP.
8430
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Sperry 1100/70
Capacity: 174M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 50 msec
Price: \$19,000, without controller
Distribution Method: End user

Date First Installed: 1973
(See Vendor Profile Page V-33)

1M- to 100M-Byte Capacity

AMCODYNE, INC.
ARAPAO 7110
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: SMD
Plug Compatibility: CDC 9457
Capacity: 53M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: SMD
Price: \$4,550, without controller
Distribution Method: OEM
Date First Installed: January 1983
(See Vendor Profile Page V-2)

AMPEX CORP.
DM-880
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 82M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 28 msec
Mean Time Between Failure: 5,000 hours
Integral Controller: No
Interface: SMD
Price: \$9,370, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1975
(See Vendor Profile Page V-2)

AMPEX CORP.
SUPER WINCHESTER DFR 932
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Capacity: 32M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Integral Controller: No
Interface: SMD
Price: \$7,570, without controller
Distribution Method: OEM
Number Installed to Date: 5,000-10,000
Date First Installed: 1978

AMPEX CORP.
SUPER WINCHESTER DFR 964
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Capacity: 65M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 5,000-10,000
Date First Installed: 1978

AMPEX CORP.
SUPER WINCHESTER DFR 996
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Capacity: 97M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Integral Controller: No
Interface: SMD
Distribution Method: OEM

Number Installed to Date: 5,000-10,000
Date First Installed: 1978

ASTRONAUTICS CORP. OF AMERICA
STORAGE MODULE DISK DRIVE
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 40M bytes, unformatted
Transfer Rate: 9,600K byte/sec
Average Access Time: 30 msec
Integral Controller: No
Distribution Method: End user
Number Installed to Date: 3,000
Date First Installed: 1979
(See Vendor Profile Page V-4)

ATHENAEUM TECHNOLOGY, INC.
AEGIS 10/10
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Capacity: 38M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Seagate ST-506
Price: \$1,300, without controller
Distribution Method: OEM
(See Vendor Profile Page V-4)

BALL CORP.
BDA50/MOD II
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DG; DEC PDP-11; Point Four
Capacity: 50M bytes, formatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 5,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$6,900, without controller
Distribution Method: End user, OEM
(See Vendor Profile Page V-4)

BALL CORP.
BDA50/MOD I
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DG; DEC PDP-11; Point Four
Capacity: 50M bytes, formatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 5,000 hours

Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Trident
Price: \$6,700, without controller
Distribution Method: End user, OEM

BALL CORP.
BDA50/MOD I
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DG; DEC PDP-11; Point Four
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 5,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Trident
Price: \$8,000, without controller
Distribution Method: End user, OEM

Rigid Disk Drives

BALL CORP.

BDAS0/MOD II
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DG; DEC PDP-11;
Point Four
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 5,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$8,300, without controller
Distribution Method: End user, OEM

BALL CORP.

BDAS0/MOD III
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DG; DEC PDP-11;
Point Four
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 5,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$8,500, without controller
Distribution Method: End user, OEM

BALL CORP.

BDA100/MOD II
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DG; DEC PDP-11,
Point Four
Capacity: 100M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 5,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$9,000, without controller
Distribution Method: End user, OEM

CAMEO ELECTRONICS, INC.

SERIES 1000 LYNX
Drive Type: Removable
Disk Diameter: 8 in.
Compatibility: Victor 9000; Franklin
Ace; NEC Information Systems APC;
Apple II
Capacity: 10M bytes, unformatted
Transfer Rate: 875K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure: 6,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Discron
Price: \$5,995, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500
(See Vendor Profile Page V-6)

CENTURY DATA SYSTEMS,

INC.
TRIDENT T50
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 54M bytes, formatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000
hours
Integral Controller: No
Interface: Trident
Price: \$7,000, without controller
Distribution Method: OEM

Date First Installed: 1975

(See Vendor Profile Page V-6)

CENTURY DATA SYSTEMS,

INC.
TRIDENT T80
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 82M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000
hours
Integral Controller: No
Interface: Trident
Price: \$7,900, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
Date First Installed: 1975

CENTURY DATA SYSTEMS,

INC.
TRIDENT T82
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 82M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000
hours
Integral Controller: No
Interface: SMD
Price: \$7,900, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-
5,000
Date First Installed: 1979

CIPHER DATA PRODUCTS

VANGUARD-3
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Capacity: 20M bytes, unformatted
Average Access Time: 50 msec
Mean Time Between Failure: 5,000
hours
Integral Controller: Yes
Price: \$6,000, without controller
Distribution Method: OEM
Number Installed to Date: 5,000-
10,000
Date First Installed: 1979
(See Vendor Profile Page V-6)

COMPUTER AUTOMATION,

INC.
45214-00
Disk Diameter: 14 in.
Compatibility: CA Model 4; DEC
LSI-2
Capacity: 80M bytes, Formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$14,800, without controller
Distribution Method: End user, OEM
Date First Installed: 1977
(See Vendor Profile Page V-8)

COMPUTER AUTOMATION,

INC.
45236-32
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: CA Model 4; DEC
LSI-2
Capacity: 32M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD

Price: \$11,000, without controller
Distribution Method: End user, OEM
Date First Installed: June 1980

COMPUTER AUTOMATION,

INC.
45236-64
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: CA Model 4; DEC
LSI-2
Capacity: 64M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$13,000, without controller
Distribution Method: End user, OEM
Date First Installed: June 1980

COMPUTER AUTOMATION,

INC.
45236-96
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: CA Model 4; DEC
LSI-2
Capacity: 96M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$15,000, without controller
Distribution Method: End user, OEM
Date First Installed: June 1980

CONTROL DATA CORP.

CDC 9412 WINDSOR
Drive Type: Removable
Disk Diameter: 8 in.
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD; LDI; ISI
Distribution Method: OEM
Number Installed to Date: Under
100
Date First Installed: 1983
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

CDC 9415-80 WREN
Capacity: 80M bytes, Formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 3
Integral Controller: No
Interface: Seagate ST506; FDI; LDI;
ISI; ESD
Distribution Method: OEM
Date First Installed: October 1983

CONTROL DATA CORP.

CDC 9445 LARK
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Capacity: 16M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 7,500
hours
Maximum Drives Per Controller: 4
Interface: SMD; LDI; ISI
Price: \$2,345, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-
5,000

Date First Installed: 1981

CONTROL DATA CORP.

CDC 9448-32 CMD
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Capacity: 32M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000
hours
Maximum Drives Per Controller: 3
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: More
than 50,000
Date First Installed: 1978

CONTROL DATA CORP.

CDC 9448-64 CMD
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Capacity: 64M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000
hours
Maximum Drives Per Controller: 3
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: More
than 50,000
Date First Installed: 1978

CONTROL DATA CORP.

CDC 9448-96 CMD
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Capacity: 96M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000
hours
Maximum Drives Per Controller: 3
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: More
than 50,000
Date First Installed: 1978

CONTROL DATA CORP.

**CDC 9710 REMOVABLE STORAGE
DRIVE**
Drive Type: Removable
Disk Diameter: 9 in.
Capacity: 82M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: 1982

CONTROL DATA CORP.

CDC 9760 SMD
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 40M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000
hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: More
than 50,000
Date First Installed: 1973

Rigid Disk Drives

CONTROL DATA CORP.

CDC 8762 SMD
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: 1973

CONTROL DATA CORP.

CERTAINTY 270-10 & 270-20
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: IBM Series/1
Plug Compatibility: CDC Certainty
Capacity: 63M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: SMD
Price: \$17,915, with controller
Distribution Method: End user, OEM
Date First Installed: 1978

CORE, INC.

CORE 5115
Drive Type: Removable
Disk Diameter: 8 in.
Compatibility: IBM 5110, 5120
Capacity: 10M bytes, unformatted
Transfer Rate: 875K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$6,995, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: September 1982
(See Vendor Profile Page V-9)

CORE, INC.

CORE 5117
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: IBM 5110, 5120
Capacity: 53M bytes, unformatted
Transfer Rate: 875K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$12,990, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: September 1982

CVM SYSTEMS, INC.

R-50
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC PDP-11
Capacity: 50M bytes, formatted
Transfer Rate: 819K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Price: \$4,400, without controller
Distribution Method: Third-party

Number Installed to Date: 100-500
Date First Installed: 1981
(See Vendor Profile Page V-9)

CYNTHIA PERIPHERAL CORP.

D-120
Drive Type: Removable
Disk Diameter: 10 1/2 in.
Compatibility: DEC; Tandy; Apple; IBM Personal Computer
Capacity: 10M bytes, unformatted
Transfer Rate: 920K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$2,000, without controller; \$4,000, with controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1978
(See Vendor Profile Page V-10)

CYNTHIA PERIPHERAL CORP.

D-140
Drive Type: Fixed/Removable
Disk Diameter: 10 1/2 in.
Compatibility: DEC; Tandy; Apple; IBM Personal Computer
Capacity: 10M bytes, unformatted
Transfer Rate: 920K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Sasi
Price: \$3,100, without controller; \$4,900, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1981

CYNTHIA PERIPHERAL CORP.

D-520
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Compatibility: DEC; Tandy; Apple; IBM Personal Computer
Plug Compatibility: Seagate
Capacity: 21M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Seagate
Price: \$3,150, without controller; \$4,000, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: 1983

DATAMAC PERIPHERAL PRODUCTS

DD6
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$1,995, with controller
Distribution Method: Third-party
(See Vendor Profile Page V-10)

DATAMAC PERIPHERAL PRODUCTS

DD12
Drive Type: Removable
Compatibility: IBM Personal Computer
Capacity: 12M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$2,295, with controller
Distribution Method: Third-party
Date First Installed: June 1982

DATAMAC PERIPHERAL PRODUCTS

DD18
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 18M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$2,895, with controller
Distribution Method: Third-party
Date First Installed: June 1982

DATAPoint CORP.

9310
Disk Diameter: 11 in.
Compatibility: Datapoint
Capacity: 40M bytes, unformatted
Transfer Rate: 153K byte/sec
Average Access Time: 75 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$7,850, with controller
Distribution Method: End user
Date First Installed: September 1980
(See Vendor Profile Page V-11)

DATAPoint CORP.

9320
Drive Type: Removable
Disk Diameter: 11 in.
Compatibility: Datapoint
Capacity: 40M bytes, unformatted
Transfer Rate: 1,300K byte/sec
Average Access Time: 75 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$7,850, with controller
Distribution Method: End user
Date First Installed: September 1980
(See Vendor Profile Page V-11)

DATA SYSTEMS DESIGN, INC.

DSO 880
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: DEC
Capacity: 31M bytes, unformatted
Transfer Rate: 204K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: DMA
Distribution Method: End user, OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1979
(See Vendor Profile Page V-11)

DATA SYSTEMS DESIGN, INC.

DSO 890
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Capacity: 31M bytes, unformatted
Transfer Rate: 397K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 3
Integral Controller: Yes
Interface: DMA
Price: \$10,300, with controller
Distribution Method: OEM
Number Installed to Date: 100

DATRICH

501A
Drive Type: Fixed
Disk Diameter: 9 in.
Plug Compatibility: Diablo 44B; Shugart SA 850, SA 851
Capacity: 2M bytes, formatted
Average Access Time: 240 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$5,000, with controller
Distribution Method: End user
Number Installed to Date: 350
Date First Installed: January 1978
(See Vendor Profile Page V-12)

DATRICH

601B
Drive Type: Fixed
Disk Diameter: 9 in.
Compatibility: Rolm 1600; DG Nova, Eclipse
Plug Compatibility: Diablo 44B; Shugart SA 850, SA 851
Capacity: 5M bytes, formatted
Average Access Time: 240 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi 1226; Sasi
Price: \$7,500, with controller
Distribution Method: Third-party
Number Installed to Date: 60

DICTAPHONE CORP.

6620
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: Dictaphone
Capacity: 20M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Mean Time Between Failure: 4,368 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: End user
(See Vendor Profile Page V-12)

DIGITAL DEVELOPMENT CORP.

60
Drive Type: Fixed
Disk Diameter: 12 in.
Capacity: 4M bytes, formatted
Transfer Rate: 1,000K byte/sec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Distribution Method: End user
(See Vendor Profile Page V-13)

DIGITAL DEVELOPMENT CORP.

750
Drive Type: Fixed
Disk Diameter: 14 in.

AT LAST!

**A DEPENDABLE FAIR-PRICED SOURCE
FOR
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Rigid Disk Drives

Capacity: 4M bytes, formatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: Yes
Distribution Method: End user

DIGITAL DEVELOPMENT CORP.

8100
Drive Type: Fixed
Disk Diameter: 12 in.
Capacity: 9M bytes, formatted
Transfer Rate: 550K byte/sec
Average Access Time: 17 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Distribution Method: End user

DIGITAL DEVELOPMENT CORP.

A7310
Drive Type: Fixed
Disk Diameter: 12 in.
Capacity: 6M bytes, unformatted
Transfer Rate: 837K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Distribution Method: End user

DIGITAL DEVELOPMENT CORP.

M6000
Drive Type: Fixed
Disk Diameter: 12 in.
Capacity: 4M bytes, formatted
Transfer Rate: 550K byte/sec
Average Access Time: 17 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Distribution Method: End user

DIGITAL EQUIPMENT CORP.

RL01
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC PDP-11, VAX-11, SYSTEM 20
Capacity: 5M bytes, formatted
Transfer Rate: 512K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 5,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SDI
Price: \$3,000, without controller
Distribution Method: End user
Number Installed to Date: More than 50,000
Date First Installed: 1978
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.

RL02
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC PDP-11, VAX-11, SYSTEM 20
Capacity: 10M bytes, unformatted
Transfer Rate: 512K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 5,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SDI
Price: \$3,000, without controller
Distribution Method: End user, OEM
Number Installed to Date: More

than 50,000
Date First Installed: 1980

DIGITAL EQUIPMENT CORP.

RM02
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC PDP-11
Capacity: 67M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 43 msec
Maximum Drives Per Controller: 8
Price: \$22,500, without controller
Date First Installed: April 1978

DIGITAL EQUIPMENT CORP.

RM03
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC System 10, System 20, VAX-11, PDP-11
Capacity: 67M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 38 msec
Maximum Drives Per Controller: 8
Price: \$22,500, without controller
Date First Installed: April 1977

DISCTRON, INC.

D514
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Capacity: 5M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 77 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST-506, ST-706
Price: \$555, with controller
Distribution Method: End user, OEM
Date First Installed: November 1982

DISCTRON, INC.

D519
Drive Type: Removable
Disk Diameter: 8 in.
Capacity: 19M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure: 6,000 hours
Price: \$775, with controller
Distribution Method: OEM
Date First Installed: November 1982

DMA SYSTEMS CORP.

MICRO-MAGNUM 5/5
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Compatibility: Onli 20C, Western Digital WD 1001-DM
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST-506, ST-706
Price: \$2,200, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: October 1982
(See Vendor Profile Page V-13)

DMA SYSTEMS CORP.

MICRO-MAGNUM SR
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: Onli 20C, Western Digital WD 1001-DM

Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST-506
Price: \$2,000, without controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: January 1983

EMULEX CORP.

CDC-9710
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: DEC VAX-11, PDP-11, LSI-11
Capacity: 82M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Distribution Method: OEM
Date First Installed: January 1982

EMULEX CORP.

CDC-9762
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: DEC VAX-11, PDP-11, LSI-11
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$8,755, without controller
Distribution Method: OEM
Date First Installed: October 1982

FUJITSU AMERICA, INC.

M2301
Drive Type: Fixed
Disk Diameter: 8 in.
Capacity: 11M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 70 msec
Interface: Shugart SA 4000
Distribution Method: End user
(See Vendor Profile Page V-15)

GENIE COMPUTER CORP.

GENIE X5
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Apple II+, Tandy
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 11,000 hours
Price: \$2,295, without controller
Distribution Method: Third-party
(See Vendor Profile Page V-16)

GENIE COMPUTER CORP.

GENIE 5-5
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Apple II+, Tandy
Capacity: 10M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 40 msec

Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 8
Integral Controller: No
Interface: Ansi Standard
Price: \$3,995, without controller
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: December 1982

GENIE COMPUTER CORP.

GENIE 5-10-15-20
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Compatibility: Apple II+, IBM Personal Computer
Capacity: 20M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 77 msec
Mean Time Between Failure: 10,000 hours
Price: \$3,195, without controller
Distribution Method: Third-party

HEWLETT-PACKARD CO.

7906 M/S/MR/SR/H/HR
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: HP 1000
Capacity: 19M bytes, unformatted
Transfer Rate: 938K byte/sec
Average Access Time: 33 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: HP-IB, IEEE-488
Price: \$13,000, without controller
Distribution Method: OEM
Number Installed to Date: 5,000-10,000
Date First Installed: January 1978
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

7920 M/S/H
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: HP Series 1000, 3000, 9845
Capacity: 50M bytes, unformatted
Transfer Rate: 1,100K byte/sec
Average Access Time: 33 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: HP-IB, IEEE-488
Price: \$19,000, without controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: 1977

HONEYWELL, INC.

CDU 9636, 9638
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Honeywell DPS-6
Capacity: 67M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Integral Controller: No
Interface: Honeywell
Price: \$16,000, without controller
Distribution Method: End user, Third-party
Date First Installed: 1978
(See Vendor Profile Page V-17)

IBM

3340 A2/B1/B2
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: IBM S/370, 4321, 4331, 4341
Capacity: 69M bytes, unformatted
Transfer Rate: 885K byte/sec

Rigid Disk Drives

Average Access Time: 25 msec
Price: \$8,600, without controller
(See Vendor Profile Page V-17)

IBM

5022 MODEL 1
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: IBM 7
Capacity: 4M bytes, unformatted
Transfer Rate: 199K byte/sec
Price: \$11,040, without controller
Date First Installed: January 1971

IBM

5022 MODEL 2
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: IBM
Capacity: 4M bytes, unformatted
Transfer Rate: 199K byte/sec
Average Access Time: 126 msec
Price: \$12,060, without controller
Date First Installed: January 1972

IBM

5322
Drive Type: Removable
Disk Diameter: 8 in.
Compatibility: IBM SYS 23
Capacity: 1M bytes, unformatted
Transfer Rate: 62K byte/sec
Date First Installed: August 1981

IDE ASSOCIATES, INC.

IDEADISK REMOVABLE
Drive Type: Removable
Disk Diameter: 3.9 in.
Compatibility: IBM Personal Computer
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 70 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,100, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: January 1983
(See Vendor Profile Page V-17)

INNOVATIVE DATA TECHNOLOGY

R-120
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Capacity: 20M bytes, unformatted
Transfer Rate: 50K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Seagate ST-506, ST-706
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: September 1983
(See Vendor Profile Page V-19)

MAXTOR CORP.

XT1085
Drive Type: Fixed
Disk Diameter: 5 1/4 in.
Capacity: 65M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 11,000 hours
Integral Controller: No
Interface: Seagate ST-506, ST-412
Price: \$2,390, without controller
Distribution Method: OEM

Date First Installed: February 1983
(See Vendor Profile Page V-23)

MEMOREX CORP.

410
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Capacity: 12M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Seagate ST-506
Price: \$1,800, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: February 1983
(See Vendor Profile Page V-23)

MEMOREX CORP.

415
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Capacity: 19M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Seagate ST-506
Price: \$1,980, without controller
Distribution Method: OEM
Date First Installed: October 1983
(See Vendor Profile Page V-23)

MIDWEST SCIENTIFIC INSTRUMENTS, INC.

HD-3
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: MSI 6800
Capacity: 10M bytes, formatted
Average Access Time: 5 msec
Mean Time Between Failure: 30,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$9,000, without controller;
\$10,000, with controller
Distribution Method: End user
Number Installed to Date: 300
Date First Installed: January 1976
(See Vendor Profile Page V-24)

MOHAWK DATA SCIENCES CORP.

MODEL 2172
Drive Type: Removable
Disk Diameter: 14 in.
Capacity: 2M bytes, unformatted
Transfer Rate: 195K byte/sec
Average Access Time: 70 msec
Integral Controller: Yes
Price: \$7,712, with controller
Date First Installed: 1977
(See Vendor Profile Page V-25)

MOHAWK DATA SCIENCES CORP.

MODEL 2174
Drive Type: Fixed
Disk Diameter: 14 in.
Capacity: 20M bytes, unformatted
Transfer Rate: 889K byte/sec
Average Access Time: 20 msec
Integral Controller: Yes
Price: \$11,900, with controller
Distribution Method: End user
Date First Installed: 1978

MOHAWK DATA SCIENCES CORP.

MODEL 2175
Drive Type: Fixed/Removable

Disk Diameter: 14 in.
Capacity: 78M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 17 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$14,700 to \$28,600, with controller
Date First Installed: 1980

MOTOROLA, INC.

MS8KDE50-1
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: Exormac; Wang VS68/2
Capacity: 50M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 7,500 hours
Integral Controller: No
Interface: SMD
Price: \$12,920, without controller
Distribution Method: OEM, Third-party
Date First Installed: July 1983
(See Vendor Profile Page V-25)

MOTOROLA, INC.

MS8KDE90-1
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Exormac; Wang VS68/2
Capacity: 96M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$18,920, without controller
Distribution Method: OEM, Third-party

Date First Installed: November 1980

MOTOROLA, INC.

MS8KHDE15-1
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: Exormac
Capacity: 16M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 7,500 hours
Integral Controller: No
Interface: SMD
Price: \$7,500, without controller
Distribution Method: OEM, Third-party
Date First Installed: June 1982

MOTOROLA, INC.

MS8KHDE32-1
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Exormac; VS 68/2
Capacity: 32M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: SMD
Price: \$12,920, without controller
Distribution Method: OEM, Third-party
Date First Installed: November 1980

MOTOROLA, INC.

MLD-16
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: VS 68/2
Capacity: 16M bytes, formatted

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Rigid Disk Drives

Transfer Rate: 1,200K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 7,500 hours
Interface: SMD
Price: \$7,500, without controller
Distribution Method: OEM, Third-party
Date First Installed: September 1982

NCR CORP.
656/6560
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: NCR 9020
Capacity: 9M bytes, unformatted
Transfer Rate: 313K byte/sec
Average Access Time: 48 msec
Integral Controller: Yes
Price: \$10,500, without controller
Distribution Method: End user
Number Installed to Date: 20,000
Date First Installed: 1977
(See Vendor Profile Page V-26)

NCR CORP.
8530
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: NCR 9300, 8500, 8600
Capacity: 81M bytes, unformatted
Transfer Rate: 163K byte/sec
Average Access Time: 38 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Price: \$13,500, without controller
Distribution Method: Third-party
Number Installed to Date: 2,000
Date First Installed: 1979

NCR CORP.
8566
Drive Type: Fixed
Disk Diameter: 14 in.
Compatibility: NCR 9020
Capacity: 9M bytes, unformatted
Transfer Rate: 322K byte/sec
Average Access Time: 70 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$5,000, without controller
Distribution Method: End user
Date First Installed: 1977

NIXDORF COMPUTER CORP.
8322
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Nixdorf 8860
Capacity: 26M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$12,520, without controller;
\$14,460, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.
8323
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Nixdorf 8860
Capacity: 39M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$16,500, without controller;

\$18,500, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000

NIXDORF COMPUTER CORP.
8324
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Nixdorf 8860
Capacity: 78M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$20,700 to \$22,700, without controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000

NIXDORF COMPUTER CORP.
8325
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Nixdorf 8860
Capacity: 33M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$14,050, without controller;
\$15,800, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000

NIXDORF COMPUTER CORP.
8326
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Nixdorf 8860
Capacity: 66M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$17,050, without controller;
\$18,800, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000

NIXDORF COMPUTER CORP.
8840/5
Drive Type: Fixed
Disk Diameter: 14 in.
Compatibility: Nixdorf 8840
Capacity: 5M bytes, unformatted
Distribution Method: End user
Date First Installed: 1979

NIXDORF COMPUTER CORP.
8845/4
Drive Type: Fixed
Disk Diameter: 14 in.
Compatibility: Nixdorf 8845
Capacity: 33M bytes, formatted
Distribution Method: End user
Date First Installed: February 1983

ONYX & IMI, INC.
5820R
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: DEC LSI-11
Capacity: 10M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$9,500, without controller

Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: September 1982
(See Vendor Profile Page V-27)

ONYX & IMI, INC.
5820R
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: DEC LSI-11
Capacity: 20M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$10,400, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: 1982

ONYX & IMI, INC.
5840R
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Compatibility: DEC LSI-11
Capacity: 40M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$10,900, without controller
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100

PERTEC COMPUTER CORP.
D3000
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Diablo; Caelus
Memories; CDC Hawk
Plug Compatibility: DEC RK05; Diablo
Capacity: 12M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Pertec; Diablo
Price: \$5,275, without controller
Distribution Method: OEM
Number Installed to Date: 30,000
Date First Installed: September 1972
(See Vendor Profile Page V-28)

PERTEC COMPUTER CORP.
D3000 EXTENSION
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: DEC RK05; Diablo; CDC Hawk
Plug Compatibility: DEC RK05; Diablo; Caelus Memories
Capacity: 24M bytes, formatted
Transfer Rate: 250K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 1,500 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Pertec; Diablo
Price: \$6,280, without controller
Distribution Method: OEM

Number Installed to Date: 11,000
Date First Installed: September 1972

POLYMORPHIC SYSTEMS
HD/184
Drive Type: Fixed/Removable
Disk Diameter: 3.9 in.
Compatibility: Polymorph 8813, 8810
Capacity: 23M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST-506
Price: \$5,995, with controller
Distribution Method: Third-party
Date First Installed: March 1983
(See Vendor Profile Page V-29)

PROFESSIONAL MICRO SYSTEMS
PMS 12
Drive Type: Fixed
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 12M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST-506
Price: \$2,695, without controller
Date First Installed: May 1982
(See Vendor Profile Page V-29)

RENAISSANCE MARKETING, INC.
DD4314-1
Drive Type: Removable
Compatibility: IBM 360, 370, 4300
Plug Compatibility: IBM 2314
Capacity: 29M bytes, formatted
Transfer Rate: 312K byte/sec
Average Access Time: 29 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: IBM SYS Channel
Price: \$700, without controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: September 1973
(See Vendor Profile Page V-31)

RODIME CORP.
R0351
Drive Type: Removable
Disk Diameter: 3 1/2 in.
Compatibility: Seagate
Capacity: 6M bytes, unformatted
Transfer Rate: 525K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Seagate ST-506
Price: \$950, without controller
Distribution Method: Third-party
Date First Installed: April 1983
(See Vendor Profile Page V-31)

SANTA CLARA SYSTEMS, INC.
MINI MEGA
Drive Type: Fixed/Removable
Disk Diameter: 3.9 in.
Compatibility: IBM Personal Computer; XT; Apple II, IIE
Capacity: 20M bytes, unformatted

Rigid Disk Drives

Transfer Rate: 500K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Apple, IBM
Price: \$2,295 to \$5,056, with controller
Distribution Method: Third-party
Number Installed to Date: 500-1,000
Date First Installed: September 1981
(See Vendor Profile Page V-31)

SPERRY CORP.
8433
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Sperry 1100/70
Capacity: 34M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 55 msec
Price: \$27,000, without controller
Distribution Method: End user
(See Vendor Profile Page V-33)

SPERRY CORP.
8470
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Sperry 1100/70
Capacity: 89M bytes, unformatted
Transfer Rate: 2,097K byte/sec
Average Access Time: 23 msec
Price: \$28,000, without controller
Distribution Method: End user
Date First Installed: September 1979

SYQUEST TECHNOLOGY, INC.
KQ3068
Drive Type: Removable
Disk Diameter: 3.9 in.
Compatibility: IBM Personal Computer, DEC LSI-2
Capacity: 6M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 3 msec
Mean Time Between Failure: 11,000 hours
Integral Controller: No
Price: \$995, without controller
Distribution Method: OEM, Third-party
Date First Installed: September 1982
(See Vendor Profile Page V-33)

SYSTEM INDUSTRIES, INC.
9782
Disk Diameter: 14 in.
Compatibility: DEC VAX-11/730, PDP-11; DG Nova, Eclipse MV
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: September 1974
(See Vendor Profile Page V-34)

TECMAR, INC.
CARTRIDGE SHARE EXPANSION
Drive Type: Removable
Disk Diameter: 3.9 in.
Compatibility: IBM Personal

Computer
Plug Compatibility: TI
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 11,000 hours
Interface: Seagate ST-506
Price: \$2,695, with controller
Distribution Method: Third-party
Date First Installed: May 1983
(See Vendor Profile Page V-36)

TELEFILE COMPUTER PRODUCTS, INC.
T3285
Disk Diameter: 5 1/4 in.
Compatibility: Xerox Sigma; Telefile T-80
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 16
Integral Controller: Yes
Interface: SMD
Price: \$18,000, with controller
Distribution Method: End user
Number Installed to Date: 500-1,000
(See Vendor Profile Page V-36)

TEXAS INSTRUMENTS, INC.
DS 80
Drive Type: Removable
Compatibility: TI 990
Capacity: 62M bytes, unformatted
Maximum Drives Per Controller: 4
Integral Controller: No
Distribution Method: OEM
(See Vendor Profile Page V-37)

VERMONT RESEARCH CORP.
5017
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: DEC PDP-11
Capacity: 52M bytes, unformatted
Transfer Rate: 673K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure: 5,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$11,000, with controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: 1978
(See Vendor Profile Page V-38)

VERMONT RESEARCH CORP.
5010
Drive Type: Removable
Compatibility: DEC PDP-11
Capacity: 20M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: NPDS
Price: \$2,725, with controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: February 1983

VERMONT RESEARCH CORP.
8530
Drive Type: Fixed/Removable
Compatibility: DEC PDP-11
Capacity: 10M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 33 msec

Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$3,180, with controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: 1983

VR DATA CORP.
HARD DISK 3 (DUAL 10MB)
Drive Type: Fixed/Removable
Disk Diameter: 5.25 in.
Compatibility: IBM Personal Computer; Tandy TRS-80/I, TRS-80/III; LNW 2
Capacity: 20M bytes, formatted
Transfer Rate: 312K byte/sec
Average Access Time: 135 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST-506
Price: \$1,599, without controller; \$1,649, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
(See Vendor Profile Page V-38)

VR DATA CORP.
HARD DISK 3 (DUAL 5MB)
Drive Type: Fixed/Removable
Disk Diameter: 5.25 in.
Compatibility: IBM Personal Computer; Tandy TRS-80/I, TRS-80/III; LNW 2
Capacity: 10M bytes, formatted
Transfer Rate: 312K byte/sec
Average Access Time: 135 msec

Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST-506
Price: \$1,590, without controller; \$1,640, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000

VR DATA CORP.
HARD DISK 3 (DUAL 15MB)
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Compatibility: IBM; Tandy TRS-80/I, TRS-80/III
Capacity: 30M bytes, formatted
Transfer Rate: 312K byte/sec
Average Access Time: 135 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST-506
Price: \$2,299, without controller; \$2,349, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000

WANG LABORATORIES, INC.
2265V-1
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Wang VS
Capacity: 75M bytes, unformatted
Transfer Rate: 1,300K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$17,000, without controller
(See Vendor Profile Page V-39)

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Rigid Disk Drives

WANG LABORATORIES, INC.

226SV-3
Drive Type: Removable
Disk Diameter: 14 in.
Compatibility: Wang VS
Capacity: 640K bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 25 msec
Price: \$38,000, without controller
Date First Installed: January 1978

WANG LABORATORIES, INC.

2280-1
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang VS2200
Capacity: 26M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$19,000, without controller

WANG LABORATORIES, INC.

2280-2
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang 2200
Capacity: 40M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$20,000, without controller

WANG LABORATORIES, INC.

2280N-1
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang 2200
Capacity: 26M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$17,000, without controller
Distribution Method: End user

WANG LABORATORIES, INC.

2280M-3
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang 2200
Capacity: 80M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$19,000, without controller

WANG LABORATORIES, INC.

2280V-1
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang VS
Capacity: 30M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$17,000, without controller
Distribution Method: End user
Date First Installed: January 1978

WANG LABORATORIES, INC.

2280V-2
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang VS
Capacity: 60M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$18,000, without controller
Date First Installed: January 1978

WANG LABORATORIES, INC.

2280V-3
Drive Type: Fixed/Removable
Disk Diameter: 14 in.

Compatibility: Wang VS
Capacity: 90M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$19,000, without controller
Distribution Method: End user
Date First Installed: January 1978

WANG LABORATORIES, INC.

8360A
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: Wang OIS
Capacity: 10M bytes, unformatted
Price: \$9,000, without controller
Distribution Method: End user
Date First Installed: January 1975

WANG LABORATORIES, INC.

6560B
Drive Type: Fixed/Removable
Disk Diameter: 8 in.
Compatibility: Wang OIS
Capacity: 5M bytes, unformatted
Price: \$9,000, without controller
Distribution Method: End user
Date First Installed: January 1975

WANG LABORATORIES, INC.

6580-1
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang OIS 140
Capacity: 26M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$17,000, without controller

WANG LABORATORIES, INC.

6580-2
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang OIS 140
Capacity: 53M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$18,000, without controller

WANG LABORATORIES, INC.

6580-3
Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Compatibility: Wang OIS 140
Capacity: 80M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$19,000, without controller
Distribution Method: End user

WANG LABORATORIES, INC.

MVP-P2
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Compatibility: Wang 2200
Capacity: 10M bytes, unformatted
Price: \$8,725, without controller

WANG LABORATORIES, INC.

MVP-P3
Drive Type: Fixed/Removable
Disk Diameter: 5 1/4 in.
Compatibility: Wang 2200
Capacity: 10M bytes, unformatted
Price: \$11,125, without controller

WESTERN DYNEX CORP.

SERIES 8000

Drive Type: Fixed/Removable
Disk Diameter: 14 in.
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec

Average Access Time: 20 msec
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$2,100, without controller
Distribution Method: OEM
Number Installed to Date: 36,000
Date First Installed: January 1969
(See Vendor Profile Page V-39)

WESTERN DYNEX CORP.

WD505
Drive Type: Removable
Disk Diameter: 5 1/4 in.
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST-506
Price: \$495, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: March 1983

XCOMP, INC.

TOASTER
Drive Type: Removable
Disk Diameter: 3.9
Compatibility: IBM Personal Computer, XT, Apple II, III, Osborne; Kaypro
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: SMD; Seagate ST-506; SMR; SMS; CDS; CDR
Price: \$2,995, without controller
Distribution Method: Third-party
Date First Installed: 1983
(See Vendor Profile Page V-39)

Winchester Disk Drives

Capacities Over 700M Bytes

CONTROL DATA CORP.
CDC 9771 EXTENDED MODULE DRIVE
Disk Diameter: 14 in.
Capacity: 825M bytes, formatted
Transfer Rate: 1,800K byte/sec
Average Access Time: 16 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Date First Installed: 1983
(See Vendor Profile Page V-9)

CONTROL DATA CORP.
CDC 33502 DIRECT STORAGE DRIVE
Disk Diameter: 14 in.
Compatibility: IBM; NAS; Amdahl
Plug Compatibility: IBM 3350
Capacity: 1,200M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 24 msec
Maximum Drives Per Controller: 32
Integral Controller: No
Price: \$59,000, without controller
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: 1979

CONTROL DATA CORP.
CDC 33750 DIRECT STORAGE DEVICE
Disk Diameter: 14 in.
Compatibility: IBM; NAS; Amdahl
Plug Compatibility: IBM 3375
Capacity: 1,630M bytes, formatted
Transfer Rate: 3,000K byte/sec
Average Access Time: 16 msec
Maximum Drives Per Controller: 32
Integral Controller: No
Price: \$83,000, without controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1983

CONTROL DATA CORP.
CDC 33800 DIRECT STORAGE UNIT
Disk Diameter: 14 in.
Compatibility: IBM; MAS; Amdahl
Plug Compatibility: IBM 3380
Capacity: 2,520M bytes, formatted
Transfer Rate: 3,000K byte/sec
Average Access Time: 16 msec
Maximum Drives Per Controller: 32
Integral Controller: No
Price: \$93,000, without controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1983

DELTA SYSTEMS, INC.
HP/D SERIES
Disk Diameter: 14 in.
Compatibility: CDC Cyber 6000
Plug Compatibility: CDC 885
Capacity: 2,500M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 5 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: CDC Channel
Distribution Method: End user
Number Installed to Date: Under 100

Date First Installed: August 1983
(See Vendor Profile Page V-12)

IBIS SYSTEMS, INC.
IBIS 1400
Disk Diameter: 14 in.
Capacity: 1,409M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 16 msec
Mean Time Between Failure: 10,000 hours
Interface: Parallel
Price: \$66,000, without controller
Distribution Method: OEM
(See Vendor Profile Page V-17)

IBM
3375 A1/B1/D1
Disk Diameter: 14 in.
Compatibility: IBM 370, 4341, 4331-2
Capacity: 819M bytes, unformatted
Transfer Rate: 1,859K byte/sec
Average Access Time: 19 msec
Maximum Drives Per Controller: 4
Price: \$38,040, without controller
Date First Installed: March 1981

IBM
3380 A4/AA/B4
Disk Diameter: 14 in.
Compatibility: IBM 370, 4341, 4331-2, 3030 Series
Capacity: 1,260M bytes, unformatted
Transfer Rate: 3,000K byte/sec
Average Access Time: 16 msec
Maximum Drives Per Controller: 4
Price: \$98,640, without controller

INTERSCIENCE SYSTEMS, INC.
CDC
Disk Diameter: 14 in.
Compatibility: Sperry 1100
Plug Compatibility: IBM 3350
Capacity: 1,270M bytes, formatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 23 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 32
Integral Controller: Yes
Price: \$53,000, without controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: June 1982
(See Vendor Profile Page V-20)

INTERSCIENCE SYSTEMS, INC.
STC
Disk Diameter: 14 in.
Compatibility: Sperry 1100
Plug Compatibility: IBM 3350
Capacity: 1,270M bytes, formatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 23 msec
Mean Time Between Failure: 4,000 hours
Maximum Drives Per Controller: 32
Integral Controller: Yes
Price: \$53,000, without controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: June 1982

NATIONAL ADVANCED SYSTEMS
NAS 7380
Disk Diameter: 14 in.
Compatibility: NAS 6000, 7000, 6600; IBM 370

Capacity: 2.5G bytes, unformatted
Transfer Rate: 3,000K byte/sec
Average Access Time: 16 msec
Integral Controller: Yes
Date First Installed: July 1983
(See Vendor Profile Page V-25)

NCR CORP.
5550
Disk Diameter: 14 in.
Compatibility: NCR 8500, 8600
Capacity: 1,920M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 33 msec
Maximum Drives Per Controller: 8
Integral Controller: No
Price: \$50,000, without controller
Date First Installed: 1980
(See Vendor Profile Page V-26)

QUALEX TECHNOLOGY
4622
Disk Diameter: 10½ in.
Compatibility: HP 3000
Capacity: 820M bytes, unformatted
Transfer Rate: 1,680K byte/sec
Average Access Time: 28 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$45,250, with controller
Distribution Method: End user
Date First Installed: September 1983
(See Vendor Profile Page V-30)

STORAGE TECHNOLOGY CORP.
8380
Disk Diameter: 14 in.
Compatibility: IBM 370/158, 3000 Series, 4341, 370/168
Plug Compatibility: IBM 3350
Capacity: 1,260M bytes, formatted
Transfer Rate: 3,000K byte/sec
Average Access Time: 16 msec
Maximum Drives Per Controller: 32
Integral Controller: Yes
Interface: IBM Compatible
Price: \$70,170, without controller
Distribution Method: OEM
Date First Installed: March 1983
(See Vendor Profile Page V-33)

200M- to 700M-Byte Capacity

AMPEX CORP.
CAPRICORN 330
Disk Diameter: 14 in.
Capacity: 330M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 9,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: February 1982
(See Vendor Profile Page V-2)

APPLIED PERIPHERAL SYSTEMS
4830-1
Disk Diameter: 14 in.
Capacity: 337M bytes, formatted

Transfer Rate: 1,200K byte/sec
Average Access Time: 17 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD
Price: \$8,671, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: March 1982
(See Vendor Profile Page V-3)

APPLIED PERIPHERAL SYSTEMS
4830-2
Disk Diameter: 14 in.
Capacity: 404M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 17 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD
Price: \$9,425, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: March 1982

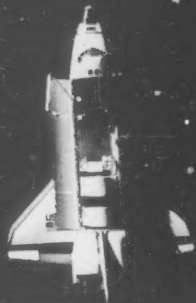
APPLIED PERIPHERAL SYSTEMS
4835-1
Disk Diameter: 14 in.
Capacity: 337M bytes, formatted
Transfer Rate: 2,000K byte/sec
Average Access Time: 10 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD
Price: \$8,671, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: August 1982

APPLIED PERIPHERAL SYSTEMS
4835-2
Disk Diameter: 14 in.
Capacity: 404M bytes, formatted
Transfer Rate: 2,000K byte/sec
Average Access Time: 10 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD
Price: \$9,425, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: August 1982

BURROUGHS CORP.
B9434-1
Disk Diameter: 14 in.
Compatibility: Burroughs B1000, B700
Capacity: 402M bytes, unformatted
Transfer Rate: 650K byte/sec
Average Access Time: 28 msec
Maximum Drives Per Controller: 8
Integral Controller: No
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: June 1978
(See Vendor Profile Page V-5)

BURROUGHS CORP.
B9454-5
Disk Diameter: 14 in.
Capacity: 542M bytes, unformatted
Compatibility: Burroughs B4900, B7800, B7900
Transfer Rate: 1,200K byte/sec
Average Access Time: 22 msec
Maximum Drives Per Controller: 16

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Winchester Disk Drives

Integral Controller: No
Distribution Method: End user
Number Installed to Date: Under 100

CENTURY DATA SYSTEMS, INC.

AMS 315 (ADVANCED MARKSMAN SERIES)
Disk Diameter: 14 in.
Plug Compatibility: CDC 9766; Ampex 9300A
Capacity: 315M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD; Trident
Price: \$10,500, without controller
Distribution Method: OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: November 1982
(See Vendor Profile Page V-6)

CENTURY DATA SYSTEMS, INC.

MARKSMAN AMS 513
Disk Diameter: 14 in.
Capacity: 513M bytes, formatted
Transfer Rate: 1,290K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD; Trident
Price: \$11,400, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: 1983

CONTROL DATA CORP.

CDC 9715 FSD-340
Disk Diameter: 9 in.
Capacity: 344M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure: 11,250 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Date First Installed: 1983
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

CDC 9715 FSD-500
Disk Diameter: 9 in.
Capacity: 516M bytes, formatted
Transfer Rate: 1,600K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure: 11,250 hours
Maximum Drives Per Controller: 4
Interface: SMD; ISI
Distribution Method: OEM
Date First Installed: 1983

CONTROL DATA CORP.

CDC 9775 FIXED MODULE DRIVE
Disk Diameter: 14 in.
Capacity: 679M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 6,000 hours
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1980

DATA GENERAL CORP.

8214
Disk Diameter: 14 in.
Capacity: 602M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: DG Compatible
Price: \$50,000, with controller
Distribution Method: End user, OEM
Date First Installed: September 1982
(See Vendor Profile Page V-10)

DIGITAL EQUIPMENT CORP.

RA81
Disk Diameter: 10 1/2 in.
Capacity: 456M bytes, unformatted
Transfer Rate: 2,200K byte/sec
Average Access Time: 36 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SDI; DSDF
Price: \$19,000, without controller
Distribution Method: End user, OEM
Number Installed to Date: More than 50,000
Date First Installed: 1982

DIGITAL EQUIPMENT CORP.

RP07
Disk Diameter: 14 in.
Compatibility: DEC System 10, 20, Vax-11
Capacity: 516M bytes, unformatted
Transfer Rate: 2,160K byte/sec
Average Access Time: 31 msec
Maximum Drives Per Controller: 8
Price: \$43,140, without controller
Date First Installed: July 1981

DIGITAL EQUIPMENT CORP.

RP26
Disk Diameter: 14 in.
Compatibility: DEC
Capacity: 483M bytes, unformatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 33 msec
Maximum Drives Per Controller: 4
Date First Installed: April 1980

DISC TECH ONE, INC.

4300
Disk Diameter: 14 in.
Compatibility: DEC; DG; TI; PE
Capacity: 301M bytes, formatted
Transfer Rate: 1,278K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$6,000, without controller
Distribution Method: OEM
Date First Installed: 1983
(See Vendor Profile Page V-13)

FUJITSU AMERICA, INC.

M2294
Disk Diameter: 14 in.
Capacity: 355M bytes, formatted
Transfer Rate: 1,010K byte/sec
Average Access Time: 27 msec
Maximum Drives Per Controller: 2
Interface: SMD
Distribution Method: End user
(See Vendor Profile Page V-15)

FUJITSU AMERICA, INC.

M2351
Disk Diameter: 10 1/2 in.
Capacity: 474M bytes, formatted
Transfer Rate: 1,859K byte/sec

Average Access Time: 18 msec
Mean Time Between Failure: 10,000 hours
Interface: Modified SMD
Distribution Method: End user

HARRIS CORP.

5360
Disk Diameter: 10 1/2 in.
Compatibility: Harris
Capacity: 474M bytes, formatted
Transfer Rate: 1,860K byte/sec
Average Access Time: 26 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: IDC
Price: \$19,000, without controller; \$26,000, with controller
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: February 1983
(See Vendor Profile Page V-16)

HARRIS CORP.

5662
Disk Diameter: 5 1/4 in.
Compatibility: Harris
Plug Compatibility: Harris 5662
Capacity: 675M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: IDC
Price: \$31,950, with controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: February 1980

HARRIS CORP.

HARRIS 5600
Disk Diameter: 5 1/4 in.
Compatibility: Harris
Capacity: 675M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: IDC
Price: \$32,000, with controller
Distribution Method: End user
Number Installed to Date: 100-500

IBM

3344 B2/B2F
Disk Diameter: 14 in.
Compatibility: IBM 370, 4321, 4331, 4341
Capacity: 279M bytes, unformatted
Transfer Rate: 885K byte/sec
Average Access Time: 25 msec
Maximum Drives Per Controller: 4
Price: \$19,460, without controller
Date First Installed: February 1976
(See Vendor Profile Page V-17)

IBM

3350 A2/B2/C2
Disk Diameter: 14 in.
Compatibility: IBM 370, 4341, 4341
Capacity: 317M bytes, unformatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 4 hours
Price: \$53,340, without controller
Date First Installed: January 1976

IBM

3370 A1/B1/A11/B11
Disk Diameter: 14 in.
Compatibility: IBM 4321, 4331, 4341, System/38
Capacity: 571M bytes, unformatted
Transfer Rate: 1,859K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 4
Price: \$35,480, without controller
Date First Installed: October 1979

MEGAVALT

MV212
Disk Diameter: 8 in.
Capacity: 212M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 40 msec
Integral Controller: No
Interface: Arsi 1226; SCSI; SMD; Shugart SA 1000; Seagate ST512
Price: \$6,020, without controller
Distribution Method: OEM
(See Vendor Profile Page V-23)

MEMOREX CORP.

3650
Disk Diameter: 14 in.
Compatibility: IBM
Capacity: 317M bytes, unformatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 22 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Distribution Method: End user
Date First Installed: 1977
(See Vendor Profile Page V-23)

MEMOREX CORP.

3652
Disk Diameter: 14 in.
Compatibility: IBM
Capacity: 635M bytes, unformatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 23 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Distribution Method: End user
Date First Installed: 1979

NATIONAL ADVANCED SYSTEMS

NAS 7360
Disk Diameter: 14 in.
Compatibility: IBM
Plug Compatibility: IBM 3350
Capacity: 635M bytes, unformatted
Transfer Rate: 1,500K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure: 50,000 hours
Integral Controller: No
Distribution Method: End user
Date First Installed: December 1982
(See Vendor Profile Page V-25)

NATIONAL MEMORY SYSTEM CORP.

NMS03
Disk Diameter: 14 in.
Compatibility: DEC PDP Series, VAX-11/730, VAX-11/750, LSI-11/23
Capacity: 335M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 27 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Price: \$8,500, without controller; \$11,500, with controller
Number Installed to Date: 9
Date First Installed: April 1983
(See Vendor Profile Page V-26)

Winchester Disk Drives

NATIONAL MEMORY SYSTEM CORP.

NMS04
Disk Diameter: 10 1/2 in.
Compatibility: DEC PDP Series, VAX-11/730, VAX-11/750, DEC LSI-11/23
Capacity: 470M bytes, formatted
Transfer Rate: 1.859K byte/sec
Average Access Time: 17 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Price: \$9,500, without controller; \$12,500, with controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: October 1982

NEC INFORMATION SYSTEMS, INC.

D1510
Disk Diameter: 14 in.
Capacity: 317M bytes, formatted
Transfer Rate: 1.230K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Price: \$9,800, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1981
(See Vendor Profile Page V-26)

NEC INFORMATION SYSTEMS, INC.

D1550
Disk Diameter: 14 in.
Capacity: 630M bytes, formatted
Transfer Rate: 1.230K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 16
Interface: SMD
Price: \$13,500, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1982

NORTHERN TELECOM, INC.

MERCURY MFD/8210
Capacity: 214M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 4
Interface: SMD
Price: \$6,590, with controller
Distribution Method: OEM
Number Installed to Date: Under 100
(See Vendor Profile Page V-27)

PRIME COMPUTER, INC.

PRIME 4430
Disk Diameter: 14 in.
Compatibility: Prime 50 Series
Capacity: 607M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 25 msec
Integral Controller: Yes
Distribution Method: End user
(See Vendor Profile Page V-29)

QUALEX TECHNOLOGY

3641
Disk Diameter: 14 in.
Compatibility: HP 3000
Plug Compatibility: HP 7925, 7933
Capacity: 480M bytes, unformatted

Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$32,500, with controller
Distribution Method: End user
Date First Installed: September 1983
(See Vendor Profile Page V-30)

QUALEX TECHNOLOGY

3651
Disk Diameter: 14 in.
Compatibility: HP 3000
Plug Compatibility: HP 7925, 7933
Capacity: 600M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$36,500, with controller
Distribution Method: End user
Date First Installed: September 1983

QUALEX TECHNOLOGY

4611
Disk Diameter: 10 1/2 in.
Compatibility: HP 3000
Capacity: 410M bytes, unformatted
Transfer Rate: 1,860K byte/sec
Average Access Time: 18 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Interface: SMD
Price: \$24,950, with controller
Distribution Method: End user
Date First Installed: September 1983

STORAGE TECHNOLOGY CORP.

8350
Compatibility: IBM 370, 3000 Series, 4341
Plug Compatibility: IBM 3350
Capacity: 317M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 25 msec
Maximum Drives Per Controller: 64
Integral Controller: Yes
Interface: IBM Compatible
Price: \$32,240, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: March 1977
(See Vendor Profile Page V-33)

STORAGE TECHNOLOGY CORP.

8360
Disk Diameter: 14 in.
Compatibility: IBM 370, 3000 Series, 4341
Plug Compatibility: IBM 3350
Capacity: 317M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 18 msec
Maximum Drives Per Controller: 64
Integral Controller: Yes
Interface: IBM Compatible
Price: \$37,235, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: September 1981

STORAGE TECHNOLOGY CORP.

8650
Disk Diameter: 14 in.
Compatibility: IBM 370, 3000 Series, 4341
Plug Compatibility: IBM 3350
Capacity: 635M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 23 msec
Maximum Drives Per Controller: 64
Integral Controller: Yes
Interface: IBM Compatible
Price: \$51,355, without controller
Distribution Method: OEM
Number Installed to Date: 5,000-10,000
Date First Installed: May 1979

STORAGE TECHNOLOGY CORP.

8775
Disk Diameter: 14 in.
Capacity: 673M bytes, unformatted
Transfer Rate: 1,197K byte/sec
Average Access Time: 23 msec
Integral Controller: Yes
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: February 1982

SYSTEM INDUSTRIES, INC.

9751
Disk Diameter: 10 1/2 in.
Compatibility: DEC VAX-11/730, PDP-11; DG Nova, Eclipse
Capacity: 474M bytes, formatted
Transfer Rate: 1,860K byte/sec
Average Access Time: 26 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: July 1982
(See Vendor Profile Page V-34)

SYSTEM INDUSTRIES, INC.

9775
Disk Diameter: 14 in.
Compatibility: DEC VAX-11/780, PDP-11; DG Nova, Eclipse
Capacity: 675M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: November 1981

TECSTOR, INC.

SERIES III-315
Disk Diameter: 14 in.
Compatibility: CDC
Capacity: 315M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 10,000 hours
Interface: SMD; CDC Interface
Price: \$5,600, without controller
Distribution Method: OEM
(See Vendor Profile Page V-36)

TECSTOR, INC.

SERIES III-332
Disk Diameter: 14 in.

Compatibility: CDC
Capacity: 332M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD; CDC Interface
Price: \$5,700, without controller
Distribution Method: OEM

TELEFILE COMPUTER PRODUCTS, INC.

T3285
Disk Diameter: 14 in.
Compatibility: Xerox Sigma; Telefile T-80
Capacity: 673M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 23 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 16
Integral Controller: Yes
Interface: SMD
Price: \$95,000, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: October 1982
(See Vendor Profile Page V-36)

TEXAS INSTRUMENTS, INC.

DS 300
Disk Diameter: 14 in.
Compatibility: TI 990
Capacity: 238M bytes, unformatted
Integral Controller: No
Distribution Method: OEM
(See Vendor Profile Page V-37)

TOSHIBA AMERICA, INC.

TK 825F
Capacity: 662M bytes, unformatted
Transfer Rate: 1,210K byte/sec
Average Access Time: 35 msec
Interface: SMD
Distribution Method: OEM
Date First Installed: December 1982
(See Vendor Profile Page V-37)

100M- to 200M-Byte Capacity

ALPHA DATA, INC.

ATLAS
Disk Diameter: 14 in.
Capacity: 128M bytes, formatted
Transfer Rate: 1,250K byte/sec
Average Access Time: 18 msec
Interface: SMD
Price: \$6,500, without controller
Distribution Method: OEM
Date First Installed: May 1983
(See Vendor Profile Page V-2)

AMPEX CORP.

CAPRICORN 185
Disk Diameter: 14 in.
Capacity: 165M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 9,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: February 1982
(See Vendor Profile Page V-2)

Winchester Disk Drives

CENTRAL DATA CORP.

D3012
Disk Diameter: 8 in.
Capacity: 120M bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 6,000 hours
Integral Controller: No
Interface: Ansi
Price: \$14,500, with controller
Distribution Method: Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-6)

CENTURY DATA SYSTEMS, INC.

MARKSMAN M160
Disk Diameter: 14 in.
Capacity: 161M bytes, formatted
Transfer Rate: 1,280K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$6,560, without controller; \$6,700, with controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: 1982
(See Vendor Profile Page V-6)

CONTROL DATA CORP.

CDC 9715 FSD
Disk Diameter: 9 in.
Capacity: 165M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 1,000 hours
Maximum Drives Per Controller: 4
Integral Controller: SMD; CMC
Distribution Method: OEM
Date First Installed: 1982
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

CDC 9730-160 MMD
Disk Diameter: 14 in.
Capacity: 160M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 10,000-50,000

CONTROL DATA CORP.

CERTAINTY 231 SERIES MMD
Disk Diameter: 14 in.
Compatibility: IBM Series/1
Plug Compatibility: IBM 7962; CDC Certainty
Capacity: 126M bytes, unformatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: SMD
Price: \$11,600, with controller
Distribution Method: End user, OEM
Date First Installed: 1983

CONTROL DATA CORP.

CERTAINTY 241 SERIES MMD
Disk Diameter: 8 in.
Compatibility: IBM Series/1
Plug Compatibility: IBM 4962
Capacity: 126M bytes, unformatted

Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$18,100, with controller
Distribution Method: End user, OEM
Date First Installed: 1983

CYNTHIA PERIPHERAL CORP.

D-160
Disk Diameter: 10 1/2 in.
Compatibility: DEC; Tandy; Apple; IBM Personal Computer
Capacity: 120M bytes, unformatted
Transfer Rate: 920K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Sasi
Price: \$4,000, without controller; \$6,200, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1981
(See Vendor Profile Page V-10)

DATA GENERAL CORP.

8161
Disk Diameter: 14 in.
Capacity: 147M bytes, unformatted
Average Access Time: 38 msec
Maximum Drives Per Controller: 2
Interface: DG Compatible
Price: \$24,000, with controller
Date First Installed: January 1982
(See Vendor Profile Page V-10)

DICTAPHONE CORP.

6681
Disk Diameter: 5 1/4 in.
Compatibility: Dictaphone
Capacity: 168M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Mean Time Between Failure: 4,368 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: End user
(See Vendor Profile Page V-12)

DIGITAL EQUIPMENT CORP.

RA80/RM80
Disk Diameter: 10 1/2 in.
Capacity: 121M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 33 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SDI, DSDF
Price: \$14,000, without controller
Distribution Method: End user, OEM
Number Installed to Date: More than 50,000
Date First Installed: 1982
(See Vendor Profile Page V-13)

DISC TECH ONE, INC.

8160
Disk Diameter: 14 in.
Compatibility: DEC; DG; TI; PE
Capacity: 165M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD; MMD
Price: \$5,000, without controller
Distribution Method: OEM
(See Vendor Profile Page V-13)

EMULEX CORP.

CDC-9715
Disk Diameter: 8 in.
Compatibility: DEC VAX-11/730, PDP-11, LSI VAX-11/750
Capacity: 165M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 80,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Distribution Method: OEM
Date First Installed: October 1982
(See Vendor Profile Page V-14)

EMULEX CORP.

CDC-9730-160
Disk Diameter: 14 in.
Compatibility: DEC VAX, PDP-11, LSI-11
Capacity: 160M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$8,985, without controller
Distribution Method: OEM

EMULEX CORP.

M2284
Disk Diameter: 14 in.
Compatibility: DEC VAX-11/730, VAX-11/750, VAX-11/780
Capacity: 160M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 27 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Price: \$7,900, without controller
Distribution Method: OEM
Date First Installed: October 1982

FUJITSU AMERICA, INC.

M2284
Disk Diameter: 14 in.
Capacity: 168M bytes, formatted
Transfer Rate: 1,012K byte/sec
Average Access Time: 27 msec
Maximum Drives Per Controller: 2
Interface: SMD
Distribution Method: End user
(See Vendor Profile Page V-15)

HARRIS CORP.

5350
Disk Diameter: 5 1/4 in.
Compatibility: Harris
Plug Compatibility: Harris 5600
Capacity: 143M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: IDC
Price: \$12,500, without controller; \$16,700, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: June 1978
(See Vendor Profile Page V-16)

HARRIS CORP.

8352
Disk Diameter: 5 1/4 in.

Compatibility: Harris
Plug Compatibility: Harris 5600
Capacity: 143M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: IDC
Price: \$12,500, without controller; \$16,700, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: March 1979

HEWLETT-PACKARD CO.

7914 P/R
Disk Diameter: 14 in.
Compatibility: HP 6400, 3000, 250 Series, 9000 Series
Plug Compatibility: HP-IB
Capacity: 132M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 8 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: HP-IB
Price: \$19,500, with controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: January 1983
(See Vendor Profile Page V-17)

KENNEDY CO.

5160
Disk Diameter: 14 in.
Plug Compatibility: CDC 9760, 9730
Capacity: 165M bytes, formatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD, Pico Bus
Price: \$5,750, without controller
Distribution Method: OEM
Date First Installed: September 1982
(See Vendor Profile Page V-21)

MEGAVAULT

MV116
Disk Diameter: 8 in.
Capacity: 116M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 45 msec
Integral Controller: No
Interface: Ansi 1226; SCSI; SMD; Shugart SA 1000; Seagate ST512
Price: \$5,020, without controller
Distribution Method: OEM
(See Vendor Profile Page V-23)

MEGAVAULT

MVP132
Disk Diameter: 8 in.
Compatibility: CDC
Capacity: 132M bytes, formatted
Transfer Rate: 4,800K byte/sec
Average Access Time: 40 msec
Integral Controller: No
Interface: Ansi 1226; SCSI; SMD; Shugart SA 1000; Seagate ST512
Distribution Method: OEM

MICRODATA CORP.

REFLEX-2
Disk Diameter: 14 in.
Compatibility: AVAC; DEC 32 Sequel
Capacity: 128M bytes, unformatted

Winchester Disk Drives

Transfer Rate: 1,185K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: SMD
Price: \$17,900, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
(See Vendor Profile Page V-24)

MICROPOLIS CORP.

1400 ANSI
Disk Diameter: 8 in.
Capacity: 200M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 28 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 8
Integral Controller: No
Interface: Ansi 1226
Distribution Method: OEM
(See Vendor Profile Page V-24)

MICROPOLIS CORP.

1400 SMD
Disk Diameter: 8 in.
Capacity: 160M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 22 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Date First Installed: July 1983

MICROPOLIS CORP.

1420 III
Disk Diameter: 8 in.
Capacity: 148M bytes, formatted
Transfer Rate: 922K byte/sec
Average Access Time: 28 msec
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Micropolis
Distribution Method: OEM

NATIONAL MEMORY SYSTEM CORP.

HM502
Disk Diameter: 14 in.
Compatibility: DEC PDP Series, VAX-11/730, VAX-11/750, LSI-11/23
Capacity: 168M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 27 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Price: \$6,500, without controller; \$9,500, with controller
Distribution Method: OEM
Number Installed to Date: 70
Date First Installed: September 1982
(See Vendor Profile Page V-26)

NCR CORP.

8640
Disk Diameter: 14 in.
Compatibility: NCR 9300, 8500, 8600
Capacity: 135M bytes, unformatted
Transfer Rate: 163K byte/sec
Average Access Time: 38 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Price: \$10,800, without controller
Distribution Method: Third-party
Number Installed to Date: 1,000

Date First Installed: 1980
(See Vendor Profile Page V-26)

NESTAR SYSTEMS, INC.

#122 14-IN. PLAN 4000 FILE SERVER
Disk Diameter: 14 in.
Capacity: 137M bytes, unformatted
Transfer Rate: 1,040K byte/sec
Average Access Time: 10 msec
Mean Time Between Failure: 25,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$14,000, with controller
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: December 1982
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.

8310-11
Disk Diameter: 14 in.
Compatibility: Nixdorf 3310 Dual Plug Compatibility: IBM 3310
Capacity: 129M bytes, unformatted
Transfer Rate: 885K byte/sec
Average Access Time: 27 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$10,320, without controller; \$13,505, with controller
Distribution Method: End user
(See Vendor Profile Page V-26)

NORTHERN TELECOM, INC.

MERCURY MFD/8206
Disk Diameter: 8 in.
Capacity: 128M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 4
Interface: SMD
Price: \$5,625, with controller
Distribution Method: OEM
Number Installed to Date: Under 100
(See Vendor Profile Page V-26)

NORTHERN TELECOM, INC.

MERCURY MFD/8208
Capacity: 171M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 4
Interface: SMD
Price: \$6,185, with controller
Number Installed to Date: Under 100

PRIM CORP.

804
Disk Diameter: 8 in.
Capacity: 105M bytes, formatted
Transfer Rate: 1,210K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi X379.3, SMD, Priam
Price: \$3,150, without controller; \$3,670, with controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: May 1983
(See Vendor Profile Page V-29)

PRIM CORP.

15450
Disk Diameter: 14 in.
Capacity: 158M bytes, formatted
Transfer Rate: 1,040K byte/sec
Average Access Time: 45 msec

Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi X379.3, SMD, Priam
Price: \$3,440, without controller; \$3,960, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: June 1981

PRIME COMPUTER, INC.

PRIME 4480
Disk Diameter: 14 in.
Compatibility: Prime 50 Series
Capacity: 151M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Integral Controller: Yes
Distribution Method: End user
(See Vendor Profile Page V-29)

PRIME COMPUTER, INC.

PRIME 4650
Disk Diameter: 14 in.
Compatibility: Prime 2250
Capacity: 144M bytes, unformatted
Transfer Rate: 1,040K byte/sec
Average Access Time: 40 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Distribution Method: End user

STAR TECHNOLOGIES

DART WINCHESTER SUBSYSTEM 105MB
Disk Diameter: 8 in.
Compatibility: DG Nova
Capacity: 105M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 45 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: DG Nova Bus
Price: \$9,000, with controller
Distribution Method: Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-33)

STAR TECHNOLOGIES

DART WINCHESTER SUBSYSTEM 155MB
Disk Diameter: 14 in.
Compatibility: DG Nova
Capacity: 158M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 45 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: DG Nova Bus
Price: \$9,900, with controller
Distribution Method: Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: January 1981

SYSTEM INDUSTRIES, INC.

9784
Disk Diameter: 14 in.
Compatibility: DEC VAX-11/730, PDP-11, DG Nova, Eclipse
Capacity: 160M bytes, formatted
Transfer Rate: 1,012K byte/sec
Average Access Time: 37 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: SMD
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: August 1981
(See Vendor Profile Page V-34)

TECSTOR, INC.

SERIES III-166
Disk Diameter: 14 in.
Compatibility: CDC
Capacity: 166M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD, CDC Interface
Price: \$4,850, without controller
Distribution Method: OEM
(See Vendor Profile Page V-36)

TECSTOR, INC.

SERIES III-199
Disk Diameter: 14 in.
Compatibility: CDC
Capacity: 199M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD, CDC Interface
Price: \$5,000, without controller
Distribution Method: OEM

TOSHIBA AMERICA, INC.

MK 185F
Disk Diameter: 8 in.
Capacity: 132M bytes, unformatted
Transfer Rate: 1,210K byte/sec
Average Access Time: 35 msec
Integral Controller: No
Interface: SMD
Distribution Method: OEM
(See Vendor Profile Page V-37)

20M- to 100M-Byte Capacity

AMPEX CORP.

PYXIS 27
Disk Diameter: 5 1/4 in.
Capacity: 26M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1981
(See Vendor Profile Page V-2)

APPARAT, INC.

25MB IBM HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 26M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Sasi
Price: \$3,395, with controller
Distribution Method: End user
Date First Installed: July 1983
(See Vendor Profile Page V-3)

APPARAT, INC.

26-MB RADIO SHACK HARD DISK
Disk Diameter: 5 1/4 in.

Winchester Disk Drives

Compatibility: Tandy
Capacity: 26M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,499, with controller
Distribution Method: End user
Date First Installed: July 1983

ATARI CORP.
D240
Disk Diameter: 5 1/4 in.
Capacity: 33M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$3,200, without controller
Distribution Method: End user
Date First Installed: October 1982
(See Vendor Profile Page V-4)

ATARI CORP.
3046
Disk Diameter: 5 1/4 in.
Capacity: 46M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$3,800, without controller
Distribution Method: End user
Date First Installed: December 1982

ATHENAEUM TECHNOLOGY, INC.
AEGIS 30
Disk Diameter: 5 1/4 in.
Capacity: 38M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,300, without controller
Distribution Method: OEM
Date First Installed: 1984
(See Vendor Profile Page V-4)

BURROUGHS CORP.
B9493-40
Disk Diameter: 14 in.
Compatibility: Burroughs B900, B90, CP9500
Capacity: 40M bytes, unformatted
Integral Controller: No
Distribution Method: End user
(See Vendor Profile Page V-5)

BURROUGHS CORP.
B9493-80
Disk Diameter: 14 in.
Compatibility: Burroughs B900, B90, CP 9500
Capacity: 80M bytes, unformatted
Integral Controller: No
Distribution Method: End user

CAMEO ELECTRONICS, INC.
SERIES 1000 PUMA
Disk Diameter: 8 in.
Compatibility: Franklin Ace; NEC APL; Victor 9000; IBM Personal Computer
Capacity: 40M bytes, unformatted
Transfer Rate: 875K byte/sec
Average Access Time: 65 msec

Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Disctron
Price: \$5,995, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500
(See Vendor Profile Page V-6)

CARDIFF TECHNOLOGY, INC.
D240
Compatibility: Apple; IBM Personal Computer; Tandy TRS-80
Capacity: 40M bytes, formatted
Transfer Rate: 1,250K byte/sec
Average Access Time: 26 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 5
Integral Controller: No
Interface: Seagate ST506, Shugart SD
Price: \$2,200, with controller
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: August 1983
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.
D3004
Disk Diameter: 8 in.
Capacity: 40M bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 6,000 hours
Integral Controller: No
Interface: Ansi
Price: \$7,900, with controller
Distribution Method: Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.
D3006
Disk Diameter: 8 in.
Capacity: 60M bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 29 msec
Integral Controller: No
Interface: Ansi
Price: \$8,355, with controller
Distribution Method: Third-party
Number Installed to Date: 9,000
Date First Installed: January 1981

CENTRAL DATA CORP.
D4001
Disk Diameter: 8 in.
Capacity: 30M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 7,000 hours
Integral Controller: No
Interface: Multibus
Price: \$8,050, with controller
Date First Installed: January 1981

CENTRAL DATA CORP.
D4002
Disk Diameter: 5 1/4 in.
Capacity: 40M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 7,000 hours
Integral Controller: No
Interface: Multibus
Price: \$9,300, with controller
Distribution Method: Third-party
Date First Installed: January 1981

CENTRAL DATA CORP.
D4004
Disk Diameter: 8 in.
Capacity: 60M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 7,000 hours
Integral Controller: No
Interface: Multibus
Price: \$10,800, with controller
Distribution Method: Third-party
Date First Installed: January 1981

CENTURY DATA SYSTEMS, INC.
C2075
Disk Diameter: 8 in.
Plug Compatibility: CDC Lark II-94
Capacity: 77M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 15
Integral Controller: Yes
Interface: SMD
Price: \$4,525, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: April 1983
(See Vendor Profile Page V-6)

CENTURY DATA SYSTEMS, INC.
MARKSMAN M40
Disk Diameter: 14 in.
Capacity: 40M bytes, formatted
Transfer Rate: 960K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$3,090, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: September 1980

CENTURY DATA SYSTEMS, INC.
MARKSMAN M80
Disk Diameter: 14 in.
Capacity: 80M bytes, formatted
Transfer Rate: 960K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$5,030, without controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: February 1982

CHRISLIN INDUSTRIES, INC.
CI-1240-WF
Disk Diameter: 8 in.
Compatibility: DEC LSI-11/23, LSI-11/3
Capacity: 42M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: SMD
Price: \$5,795, without controller; \$6,995, with controller
Distribution Method: OEM

Number Installed to Date: Under 100
Date First Installed: January 1983
(See Vendor Profile Page V-6)

CHRISLIN INDUSTRIES, INC.
CI-1280-WW
Disk Diameter: 8 in.
Compatibility: DEC LSI-11/23
Capacity: 84M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 30 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: SMD
Price: \$8,995, with controller
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: January 1983

CMC INTERNATIONAL
TARGA II
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer; Intertec Superbrain; Zenith Z10-89, Z10-90
Capacity: 30M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 58 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,595, with controller
Distribution Method: End user, Third-party
Number Installed to Date: 1,000-5,000
(See Vendor Profile Page V-7)

COMPUTER AUTOMATION, INC.
45261-15
Disk Diameter: 8 in.
Compatibility: CA Model 4; DEC LSI-11
Capacity: 40M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 85 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 1000
Price: \$7,700, without controller
Distribution Method: End user, OEM
Date First Installed: September 1981
(See Vendor Profile Page V-8)

COMPUTER MEMORIES, INC.
CM-5426
Disk Diameter: 5 1/4 in.
Capacity: 26M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 16,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,600, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: January 1983
(See Vendor Profile Page V-8)

COMPUTER MEMORIES, INC.
CM-6640
Disk Diameter: 5 1/4 in.
Capacity: 40M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No

Winchester Disk Drives

Interface: Seagate ST506
Price: \$1,800, without controller
Distribution Method: OEM
Number Installed to Date: 100-500

CONTROL DATA CORP.
CDC 9410-24 FINCH
Disk Diameter: 8 in.
Capacity: 24M bytes, formatted
Transfer Rate: 600K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD; FDI; LDI; ISI; SNA
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
(See Vendor Profile Page V-9)

CONTROL DATA CORP.
CDC 9410-32 FINCH
Disk Diameter: 5 1/4 in.
Capacity: 32M bytes, formatted
Transfer Rate: 800K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD; FDI; LDI; ISI
Distribution Method: OEM
Number Installed to Date: 1,000-5,000

CONTROL DATA CORP.
CDC 9410-40 FINCH
Capacity: 40M bytes, formatted
Transfer Rate: 800K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SA 1000; FDI; LDI
Distribution Method: OEM

CONTROL DATA CORP.
CDC 9410-8 FINCH
Disk Diameter: 8 in.
Capacity: 80M bytes, formatted
Transfer Rate: 800K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD; SA 1000; FDI; LD
Price: \$2,050, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000

CONTROL DATA CORP.
CDC 9415-3 WREN
Capacity: 21M bytes, formatted
Transfer Rate: 600K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 3
Integral Controller: No
Interface: FDI; LDI; ISI; ESD
Distribution Method: OEM
Number Installed to Date: 500-1,000

CONTROL DATA CORP.
CDC 9457 LARK
Disk Diameter: 8 in.
Capacity: 50M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 7,500 hours

Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD; LDI; ISI
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1981

CONTROL DATA CORP.
CDC 9515-5 WREN
Disk Diameter: 5 1/4 in.
Capacity: 36M bytes, formatted
Transfer Rate: 635K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 3
Integral Controller: No
Interface: FDI; LDI; ISI; ESD
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: 1982

CONTROL DATA CORP.
CDC 9730-80 MMD
Disk Diameter: 14 in.
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 10,000-50,000

CONTROL DATA CORP.
CDC 9730-80A MMD
Disk Diameter: 14 in.
Capacity: 80M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 16
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Number Installed to Date: 10,000-50,000

CORE, INC.
CORE 5116
Disk Diameter: 8 in.
Compatibility: IBM 5110, 5120
Capacity: 42M bytes, unformatted
Transfer Rate: 875K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$8,995, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: September 1982
(See Vendor Profile Page V-9)

CORVUS SYSTEMS, INC.
CORVUS 20
Disk Diameter: 5 1/4 in.
Compatibility: Apple; IBM; TRS
Capacity: 21M bytes, formatted
Transfer Rate: 687K byte/sec
Average Access Time: 72 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$4,495, with controller
Distribution Method: Third-party
Number Installed to Date: 1,000-5,000

Date First Installed: January 1981
(See Vendor Profile Page V-9)

CVM SYSTEMS, INC.
MBO-1
Disk Diameter: 8 in.
Compatibility: DEC PDP-11
Capacity: 80M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Price: \$5,800, without controller
Distribution Method: Third-party
Date First Installed: 1983
(See Vendor Profile Page V-9)

CYBERCHRON CORP.
CHD 11/60
Disk Diameter: 8 in.
Compatibility: DEC
Plug Compatibility: DEC RK07
Capacity: 56M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Ansi 1226
Price: \$7,995, with controller
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: 1980
(See Vendor Profile Page V-10)

CYBERCHRON CORP.
CHD 11/80
Disk Diameter: 8 in.
Plug Compatibility: DEC RMO2
Capacity: 67M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$7,995, with controller
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: 1980

CYBERCHRON CORP.
CHD-11/80
Disk Diameter: 8 in.
Compatibility: DEC LSI-11, PDP-11
Capacity: 56M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 2,500 hours
Price: \$7,995, without controller
Distribution Method: End user, OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: 1982

CYBER DATA CORP.
WAYERO
Disk Diameter: 8 in.
Compatibility: IBM Personal Computer; Xerox 820; Cyber Data CD200; IBM 370
Capacity: 44M bytes, unformatted
Transfer Rate: 120K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: LAN; IEEE 488

Price: \$6,000, with controller
Distribution Method: End user
Number Installed to Date: 150
Date First Installed: April 1981
(See Vendor Profile Page V-10)

DATA GENERAL CORP.
8180
Disk Diameter: 14 in.
Capacity: 73M bytes, unformatted
Average Access Time: 38 msec
Maximum Drives Per Controller: 2
Interface: DG Compatible
Price: \$18,000, with controller
Distribution Method: End user, OEM
Date First Installed: January 1982
(See Vendor Profile Page V-10)

DATA MANAGEMENT LABS, INC.
1040
Disk Diameter: 8 in.
Capacity: 26M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 27 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$9,200, with controller
Distribution Method: Third-party
Number Installed to Date: 500-1,000
(See Vendor Profile Page V-10)

DATA MANAGEMENT LABS, INC.
1041
Disk Diameter: 8 in.
Capacity: 25M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 27 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Intel
Price: \$18,200, with controller
Distribution Method: Third-party
Number Installed to Date: 500-1,000

DATA SYSTEMS DESIGN, INC.
DS0 770-40
Disk Diameter: 5 1/4 in.
Compatibility: Intel Multibus
Capacity: 40M bytes, unformatted
Transfer Rate: 542K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Distribution Method: End user, OEM
(See Vendor Profile Page V-11)

DAVONG SYSTEMS, INC.
DS010-021
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer; Apple II, IIE, III; Osborne
Capacity: 21M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,595, with controller
Distribution Method: OEM
Date First Installed: September 1983
Number Installed to Date: Under 100
Date First Installed: May 1983
(See Vendor Profile Page V-12)

Winchester Disk Drives

DAVONG SYSTEMS, INC.

DS010-032
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Apple II, IIE, III, Osborne
Capacity: 32M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Distribution Method: OEM
Number Installed to Date: Under 100

DICTAPHONE CORP.

8650
Disk Diameter: 5 1/4 in.
Compatibility: Dictaphone
Capacity: 50M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Mean Time Between Failure: 4,368 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: End user
(See Vendor Profile Page V-12)

DICTAPHONE CORP.

6651
Disk Diameter: 5 1/4 in.
Compatibility: Dictaphone
Capacity: 100M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Mean Time Between Failure: 4,368 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: End user

DICTAPHONE CORP.

6680
Disk Diameter: 5 1/4 in.
Compatibility: Dictaphone
Capacity: 84M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Mean Time Between Failure: 4,368 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: End user

DIGITAL EQUIPMENT CORP.

RK07
Disk Diameter: 14 in.
Compatibility: DEC PDP-11
Capacity: 28M bytes, unformatted
Average Access Time: 49 msec
Maximum Drives Per Controller: 8
Price: \$13,000, without controller
Date First Installed: April 1978
(See Vendor Profile Page V-13)

DISCTRON, INC.

D526
Disk Diameter: 5 1/4 in.
Capacity: 25M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 77 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$895, with controller
Distribution Method: OEM
Date First Installed: November 1982
(See Vendor Profile Page V-13)

DISCTRON, INC.

DP400
Disk Diameter: 8 in.
Capacity: 48M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 60 msec

Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$1,540, with controller
Distribution Method: OEM
Date First Installed: May 1982

EVOTEK CORP.

ET-5530
Disk Diameter: 5 1/4 in.
Capacity: 23M bytes, formatted
Transfer Rate: 1,032K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$1,975, without controller
Distribution Method: OEM
Date First Installed: January 1983
(See Vendor Profile Page V-15)

EVOTEK CORP.

ET-5540
Disk Diameter: 5 1/4 in.
Capacity: 31M bytes, formatted
Transfer Rate: 1,032K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Price: \$2,400, without controller
Distribution Method: OEM
Date First Installed: January 1983

EVOTEK CORP.

ET-5820
Disk Diameter: 5 1/4 in.
Capacity: 25M bytes, formatted
Transfer Rate: 1,032K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$2,155, without controller
Distribution Method: OEM
Date First Installed: May 1983

EVOTEK CORP.

ET-5830
Disk Diameter: 5 1/4 in.
Capacity: 38M bytes, formatted
Transfer Rate: 1,032K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$2,775, without controller
Distribution Method: OEM
Date First Installed: May 1983

EVOTEK CORP.

ET-5840
Disk Diameter: 5 1/4 in.
Capacity: 51M bytes, formatted
Transfer Rate: 1,032K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$3,175, without controller
Distribution Method: OEM
Date First Installed: May 1983

FUJITSU AMERICA, INC.

M2280
Disk Diameter: 14 in.

Capacity: 84M bytes, formatted
Transfer Rate: 1,012K byte/sec
Average Access Time: 27 msec
Maximum Drives Per Controller: 2
Interface: SMD
Distribution Method: End user
(See Vendor Profile Page V-15)

FUJITSU AMERICA, INC.

M2302
Disk Diameter: 8 in.
Capacity: 23M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 70 msec
Interface: SA 4000
Distribution Method: End user
(See Vendor Profile Page V-15)

FUJITSU AMERICA, INC.

M2303
Disk Diameter: 8 in.
Capacity: 47M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 70 msec
Interface: Shugart SA 4000
Distribution Method: End user

FUJITSU AMERICA, INC.

M2311
Disk Diameter: 8 in.
Capacity: 48M bytes, formatted
Transfer Rate: 1,229K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 2
Interface: SMD
Distribution Method: End user

FUJITSU AMERICA, INC.

M2312
Disk Diameter: 8 in.
Capacity: 84M bytes, formatted
Transfer Rate: 1,229K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 2
Interface: SMD
Distribution Method: End user

HARRIS CORP.

5130
Disk Diameter: 5 1/4 in.
Compatibility: Harris
Plug Compatibility: Harris 5600
Capacity: 72M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: IDC
Price: \$6,500, without controller; \$8,900, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: March 1979
(See Vendor Profile Page V-16)

HEWLETT-PACKARD CO.

7912 P/R
Disk Diameter: 14 in.
Compatibility: HP 64000, 1000, 3000, 250 Series
Capacity: 65M bytes, unformatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 8 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: HP-IB
Price: \$17,000, with controller
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: December 1982
(See Vendor Profile Page V-17)

IBM

3310 A1/A2/B1/B2
Disk Diameter: 210mm
Compatibility: IBM 4321, 4331
Capacity: 64M bytes, unformatted
Transfer Rate: 1,031K byte/sec
Average Access Time: 27 msec
Maximum Drives Per Controller: 4
Price: \$5,510 to \$11,570, with controller
Date First Installed: March 1979
(See Vendor Profile Page V-17)

IBM

5247 MODEL 012
Disk Diameter: 210mm
Compatibility: IBM 5322, 5324
Capacity: 30M bytes, unformatted
Transfer Rate: 1,250K byte/sec
Average Access Time: 40 msec
Price: \$8,810, without controller
Date First Installed: September 1982

INNOVATIVE DATA

TECHNOLOGY
D-240
Disk Diameter: 5 1/4 in.
Capacity: 40M bytes, unformatted
Transfer Rate: 50K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Seagate ST506, ST706
Price: \$2,750, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1983
(See Vendor Profile Page V-19)

INNOVATIVE DATA

TECHNOLOGY
F-240
Disk Diameter: 5 1/4 in.
Capacity: 40M bytes, unformatted
Transfer Rate: 50K byte/sec
Average Access Time: 25 msec
Integral Controller: No
Interface: Seagate ST506, ST706
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1983

INNOVATIVE DATA

TECHNOLOGY
F-360
Disk Diameter: 5 1/4 in.
Capacity: 60M bytes, unformatted
Transfer Rate: 50K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Seagate ST506, ST706
Distribution Method: End user

INNOVATIVE DATA

TECHNOLOGY
F-480
Disk Diameter: 5 1/4 in.
Capacity: 80M bytes, unformatted
Transfer Rate: 50K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Seagate ST506, ST706
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: September 1983

Winchester Disk Drives

KENNEDY CO.

5380
Disk Diameter: 14 in.
Plug Compatibility: CDC 9760, 9730
Capacity: 82M bytes, formatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD, Pico Bus
Price: \$4,595, without controller
Distribution Method: OEM
Date First Installed: September 1981
(See Vendor Profile Page V-21)

KENNEDY CO.

6172
Disk Diameter: 8 in.
Capacity: 24M bytes, formatted
Transfer Rate: 800K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi 1226, Ansi X3T9.3, SMD, Disc Bus
Price: \$1,995, without controller
Distribution Method: OEM
Date First Installed: September 1979

KENNEDY CO.

6173
Disk Diameter: 8 in.
Capacity: 40M bytes, formatted
Transfer Rate: 800K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi 1226, Ansi X3T9.3, SMD, Disc Bus
Price: \$3,195, without controller
Distribution Method: OEM
Date First Installed: September 1981

KENNEDY CO.

7340
Disk Diameter: 8 in.
Plug Compatibility: CDC 9760, 9730
Capacity: 41M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Ansi X3T9.3, SMD, Pico Bus
Price: \$3,200, without controller
Distribution Method: OEM
Date First Installed: June 1982

KENNEDY CO.

7380
Disk Diameter: 8 in.
Plug Compatibility: CDC 9760, 9730
Capacity: 82M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Interface: Ansi X3T9.3, SMD, Pico Bus
Price: \$3,995, without controller
Distribution Method: OEM
Date First Installed: March 1983

MEGAVALT

MV26
Disk Diameter: 8 in.
Capacity: 26M bytes, formatted
Transfer Rate: 812K byte/sec
Average Access Time: 45 msec
Integral Controller: No

Interface: Ansi 1226, SCSI, SMD; Shugart SA 1000; Seagate ST512
Price: \$3,490, without controller
Distribution Method: OEM
(See Vendor Profile Page V-23)

MEGAVALT

MV34
Disk Diameter: 8 in.
Capacity: 34M bytes, formatted
Transfer Rate: 825K byte/sec
Average Access Time: 45 msec
Integral Controller: No
Interface: Ansi 1226, SCSI, SMD; Shugart SA 1000; Seagate ST512
Distribution Method: OEM

MEGAVALT

MV44
Disk Diameter: 8 in.
Capacity: 44M bytes, formatted
Transfer Rate: 812K byte/sec
Average Access Time: 45 msec
Integral Controller: No
Interface: Ansi 1226, SCSI, SMD; Shugart SA 1000; Seagate ST512
Price: \$3,620, without controller
Distribution Method: OEM

MEGAVALT

MV48
Disk Diameter: 8 in.
Capacity: 48M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 45 msec
Integral Controller: No
Interface: Ansi 1226, SCSI, SMD; Shugart SA 1000; Seagate ST512
Price: \$4,200, without controller
Distribution Method: OEM

MEGAVALT

MV52
Disk Diameter: 8 in.
Capacity: 62M bytes, formatted
Transfer Rate: 812K byte/sec
Average Access Time: 45 msec
Integral Controller: No
Interface: Ansi 1226, SCSI, SMD; Shugart SA 1000; Seagate ST512
Price: \$4,130, without controller
Distribution Method: OEM

MEGAVALT

MV83
Disk Diameter: 8 in.
Capacity: 83M bytes, formatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 45 msec
Integral Controller: No
Interface: Ansi 1226, SCSI, SMD; Shugart SA 1000; Seagate ST512
Price: \$4,610, without controller
Distribution Method: OEM

MEMOREX CORP.

102
Disk Diameter: 8 in.
Capacity: 23M bytes, formatted
Transfer Rate: 593K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Shugart SA-4000
Price: \$1,700, without controller
Distribution Method: OEM
Date First Installed: February 1982
(See Vendor Profile Page V-23)

MEMOREX CORP.

214
Disk Diameter: 8 in.
Capacity: 84M bytes, formatted

Transfer Rate: 1,229K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD
Price: \$3,675, without controller
Distribution Method: OEM
Date First Installed: June 1982

MEMOREX CORP.

324
Disk Diameter: 5 1/4 in.
Capacity: 26M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Distribution Method: OEM
Date First Installed: December 1983

MEMOREX CORP.

512
Disk Diameter: 5 1/4 in.
Capacity: 30M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 1,100 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,430, without controller
Distribution Method: OEM
Date First Installed: November 1983

MEMOREX CORP.

513
Disk Diameter: 5 1/4 in.
Capacity: 50M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 25 msec
Mean Time Between Failure: 11,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,820, without controller
Distribution Method: OEM
Date First Installed: November 1983

MEMOREX CORP.

514
Disk Diameter: 5 1/4 in.
Capacity: 70M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 11,000 msec
Integral Controller: No
Interface: Seagate ST506
Price: \$2,210, without controller
Distribution Method: OEM
Date First Installed: November 1982

MICROPOLIS CORP.

1202 ANSI
Disk Diameter: 8 in.
Capacity: 26M bytes, formatted
Transfer Rate: 922K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Interface: Ansi 1226
Distribution Method: OEM
Date First Installed: September 1982
(See Vendor Profile Page V-24)

MICROPOLIS CORP.

1203 ANSI
Disk Diameter: 8 in.
Capacity: 44M bytes, formatted
Transfer Rate: 922K byte/sec
Average Access Time: 42 msec

Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Integral Controller: No
Interface: Ansi 1226
Price: \$2,080, without controller
Distribution Method: OEM
Date First Installed: September 1982

MICROPOLIS CORP.

1203 SA
Disk Diameter: 8 in.
Capacity: 34M bytes, formatted
Transfer Rate: 540K byte/sec
Average Access Time: 45 msec
Maximum Drives Per Controller: 4
Interface: Shugart SA 1000, SA 1100
Price: \$1,900, without controller
Distribution Method: OEM
Date First Installed: August 1982

MICROPOLIS CORP.

1222
Disk Diameter: 8 in.
Capacity: 26M bytes, formatted
Transfer Rate: 922K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Micropolis
Distribution Method: OEM
Number Installed to Date: 30,000
Date First Installed: June 1980

MICROPOLIS CORP.

1223
Disk Diameter: 8 in.
Capacity: 45M bytes, formatted
Transfer Rate: 922K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Micropolis
Price: \$2,360, without controller
Distribution Method: OEM
Number Installed to Date: 30,000
Date First Installed: June 1980

MICROPOLIS CORP.

1303
Disk Diameter: 5 1/4 in.
Capacity: 34M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 13,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Distribution Method: OEM
Date First Installed: April 1983

MICROPOLIS CORP.

1304
Disk Diameter: 5 1/4 in.
Capacity: 51M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 13,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$1,450, without controller
Distribution Method: OEM

MILTOPE CORP.

RDS4502
Disk Diameter: 8 in.

Winchester Disk Drives

Capacity: 45M bytes, formatted
Transfer Rate: 922K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure:
71,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$40,000, with controller
Distribution Method: OEM
Date First Installed: 1981
(See Vendor Profile Page V-24)

MINISCRIBE CORP.
5330
Disk Diameter: 5 1/4 in.
Capacity: 30M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST412
Distribution Method: OEM
Number Installed to Date: Under
100
(See Vendor Profile Page V-24)

MINISCRIBE CORP.
5440
Disk Diameter: 5 1/4 in.
Capacity: 40M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST412
Distribution Method: OEM
Number Installed to Date: Under
100

**NATIONAL MEMORY SYSTEM
CORP.**
NM501
Disk Diameter: 8 in.
Compatibility: DEC PDP Series,
VAX-11 Series, LSI-11 Series
Capacity: 84M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: SMD
Price: \$4,000 to \$7,000, without
controller
Distribution Method: OEM
Number Installed to Date: 90
Date First Installed: September
1982
(See Vendor Profile Page V-26)

**NEC INFORMATION SYSTEMS,
INC.**
D2200
Disk Diameter: 8 in.
Capacity: 25M bytes, formatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
12,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: SMD
Price: \$2,575, with controller
Distribution Method: OEM
(See Vendor Profile Page V-26)

**NEC INFORMATION SYSTEMS,
INC.**
D2230
Disk Diameter: 8 in.

Capacity: 42M bytes, formatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 5
Integral Controller: Yes
Interface: SMD
Price: \$2,235, with controller
Distribution Method: OEM
Date First Installed: June 1982

**NEC INFORMATION SYSTEMS,
INC.**
D2245
Disk Diameter: 8 in.
Capacity: 85M bytes, formatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 5
Integral Controller: Yes
Interface: SMD
Price: \$2,200, with controller
Distribution Method: OEM
Date First Installed: June 1982

**NEC INFORMATION SYSTEMS,
INC.**
D5244
Disk Diameter: 5 1/4 in.
Capacity: 21M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure:
11,000 hours
Maximum Drives Per Controller: 5
Integral Controller: Yes
Interface: Seagate ST38
Price: \$1,410, with controller
Distribution Method: OEM
Date First Installed: April 1983

NESTAR SYSTEMS, INC.
#112 8-IN. PLAN 4000 FILE
SERVER
Disk Diameter: 8 in.
Compatibility: Apple II, III; IBM
Personal Computer
Capacity: 60M bytes, unformatted
Transfer Rate: 806K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure:
25,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$10,000, with controller
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: December 1982
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.
8330-1
Disk Diameter: 14 in.
Compatibility: Nixdorf 8890
Plug Compatibility: IBM 3330-1
Capacity: 100M bytes, unformatted
Transfer Rate: 1,012K byte/sec
Average Access Time: 27 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$10,105, without controller;
\$13,290, with controller
Distribution Method: End user
(See Vendor Profile Page V-26)

NORTHERN TELECOM, INC.
MERCURY MFD/8202
Disk Diameter: 8 in.
Capacity: 43M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 4

Interface: SMD
Price: \$3,455, with controller
Distribution Method: OEM
Number Installed to Date: Under
100

NORTHERN TELECOM, INC.
MERCURY MFD/8204
Disk Diameter: 8 in.
Capacity: 86M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 20 msec
Maximum Drives Per Controller: 4
Interface: SMD
Price: \$4,985, with controller
Distribution Method: OEM
Number Installed to Date: Under
100

ONYX & IMI, INC.
7740
Disk Diameter: 8 in.
Capacity: 38M bytes, unformatted
Transfer Rate: 648K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Ansi X3T9.3; IMI Bus
Price: \$2,000, without controller;
\$2,250, with controller
Distribution Method: OEM
Number Installed to Date: 2,000
Date First Installed: September
1980
(See Vendor Profile Page V-27)

ONYX & IMI, INC.
8740
Disk Diameter: 8 in.
Capacity: 38M bytes, unformatted
Transfer Rate: 648K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Ansi X3T9.3
Distribution Method: OEM
Number Installed to Date: 10
Date First Installed: November 1982

ONYX & IMI, INC.
8760
Disk Diameter: 8 in.
Capacity: 55M bytes, unformatted
Transfer Rate: 648K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Ansi X3T9.3
Distribution Method: OEM
Number Installed to Date: 50
Date First Installed: November 1982

ONYX & IMI, INC.
5040H
Disk Diameter: 5 1/4 in.
Compatibility: ST506
Capacity: 40M bytes, formatted
Average Access Time: 68 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$990, without controller
Distribution Method: OEM
Date First Installed: June 1983

PH-ASSOCIATES, INC.
MARK 33
Disk Diameter: 5 1/4 in.

Compatibility: Northstar Advantage;
Apple; IBM Personal Computer
Capacity: 33M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,750, with controller
Distribution Method: End user, OEM
Number Installed to Date: Under
100
Date First Installed: January 1983
(See Vendor Profile Page V-28)

PH-ASSOCIATES, INC.
MARK 45
Disk Diameter: 5 1/4 in.
Compatibility: Northstar Advantage;
Apple; IBM Personal Computer;
Tandy TRS-80
Capacity: 46M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$4,416, with controller
Distribution Method: End user, OEM
Number Installed to Date: Under
100
Date First Installed: January 1983

PRIMAR CORP.
3350
Disk Diameter: 14 in.
Capacity: 34M bytes, formatted
Transfer Rate: 1,040K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi X3T9.3; SMD; Primar
Price: \$1,900, without controller;
\$2,420, with controller
Distribution Method: OEM
Number Installed to Date: 5,000-
10,000
Date First Installed: July 1979
(See Vendor Profile Page V-29)

PRIMAR CORP.
3450
Disk Diameter: 8 in.
Capacity: 35M bytes, formatted
Transfer Rate: 800K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi X3T9.3; SMD; Primar
Price: \$1,950, without controller;
\$2,470, with controller
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
Date First Installed: July 1980

PRIMAR CORP.
6650
Disk Diameter: 14 in.
Capacity: 68M bytes, formatted
Transfer Rate: 1,040K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi X3T9.3; SMD; Primar

Winchester Disk Drives

Price: \$2,235, without controller;
\$2,755, with controller
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
Date First Installed: August 1980

PRIMAR CORP.

7050
Disk Diameter: 8 in.
Capacity: 70M bytes, formatted
Transfer Rate: 800K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Ansi X3T9.3; SMD; Primar
Price: \$2,450, without controller;
\$2,970, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-
5,000
Date First Installed: January 1982

PRIME COMPUTER, INC.

PRIME 4840
Disk Diameter: 14 in.
Compatibility: Prime 2250
Capacity: 62M bytes, unformatted
Transfer Rate: 1,040K byte/sec
Average Access Time: 45 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Distribution Method: End user

PROFESSIONAL MICRO SYSTEMS

PMS 27
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Capacity: 27M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure:
12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,600, with controller
Distribution Method: Third-party
Date First Installed: May 1979
(See Vendor Profile Page V-29)

PROFESSIONAL MICRO SYSTEMS

PMS 54
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Capacity: 54M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure:
12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$4,995, with controller
Distribution Method: Third-party
Date First Installed: May 1979

PROFESSIONAL MICRO SYSTEMS

PMS 72
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Capacity: 72M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure:
12,000 hours
Maximum Drives Per Controller: 4

Integral Controller: Yes
Interface: Seagate ST506
Price: \$5,995, without controller
Distribution Method: Third-party
Date First Installed: May 1982

QUANTUM CORP.

Q530
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 30M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,000, without controller
Distribution Method: OEM
Date First Installed: May 1983
(See Vendor Profile Page V-30)

QUANTUM CORP.

Q540
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 40M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,300, without controller
Distribution Method: OEM
Date First Installed: June 1983

QUANTUM CORP.

Q2030
Disk Diameter: 8 in.
Compatibility: Shugart SA 1000
Capacity: 30M bytes, formatted
Transfer Rate: 542K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 1000
Price: \$2,940, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
Date First Installed: June 1981

QUANTUM CORP.

Q2040
Disk Diameter: 8 in.
Compatibility: Shugart SA 1000
Capacity: 40M bytes, formatted
Transfer Rate: 542K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 1000
Price: \$3,315, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
Date First Installed: June 1981

QUANTUM CORP.

Q2080
Disk Diameter: 8 in.
Plug Compatibility: Shugart SA 1000
Capacity: 85M bytes, unformatted
Transfer Rate: 542K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000
hours

Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 1000
Price: \$3,865, without controller
Distribution Method: OEM
Date First Installed: September
1981

QUENTIN RESEARCH, INC.

QA-531
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+,
Apple IIe
Capacity: 31M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000
hours
Integral Controller: No
Price: \$3,195, without controller
Distribution Method: OEM
Date First Installed: May 1983
(See Vendor Profile Page V-30)

RODIME CORP.

RO204
Disk Diameter: 5 1/4 in.
Capacity: 21M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure:
12,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,760, without controller
Distribution Method: Third-party
Number Installed to Date: 5,000-
10,000
Date First Installed: January 1982
(See Vendor Profile Page V-31)

RODIME CORP.

RO206
Disk Diameter: 5 1/4 in.
Compatibility: Seagate ST506
Capacity: 40M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure:
12,000 hours
Integral Controller: No
Interface: Seagate ST506
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: February 1983

RODIME CORP.

RO206
Disk Diameter: 5 1/4 in.
Compatibility: Seagate ST506
Capacity: 53M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure:
12,000 hours
Integral Controller: No
Interface: Seagate ST506
Number Installed to Date: 100-500
Date First Installed: February 1983

SCIENTIFIC MICRO SYSTEMS

AFWT-11
Disk Diameter: 8 in.
Compatibility: DEC
Capacity: 80M bytes, formatted
Transfer Rate: 453K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure:
12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: DEC Q-Bus
Price: \$5,000, with controller
Distribution Method: OEM

Number Installed to Date: 5,000-
10,000
Date First Installed: 1978
(See Vendor Profile Page V-31)

SHUGART ASSOCIATES, INC.

SA1106
Disk Diameter: 8 in.
Capacity: 33M bytes, formatted
Transfer Rate: 542K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure: 8,000
hours
Distribution Method: OEM
(See Vendor Profile Page V-32)

SHUGART ASSOCIATES, INC.

SA4008
Disk Diameter: 14 in.
Capacity: 29M bytes, formatted
Transfer Rate: 887K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 8,000
hours
Distribution Method: OEM
Date First Installed: March 1978

SPERRY CORP.

8450
Disk Diameter: 14 in.
Compatibility: Sperry 1100/70
Capacity: 54M bytes, unformatted
Transfer Rate: 1,260K byte/sec
Average Access Time: 23 msec
Price: \$30,000, without controller
Distribution Method: End user
Date First Installed: 1976
(See Vendor Profile Page V-33)

STAR TECHNOLOGIES

DART WINCHESTER SUBSYSTEM
88MB
Disk Diameter: 8 in.
Compatibility: DG Nova
Capacity: 68M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 45 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: DG Nova Bus
Price: \$7,500, with controller
Distribution Method: Third-party
Number Installed to Date: 1,000-
5,000
Date First Installed: January 1981
(See Vendor Profile Page V-33)

TANDON CORP.

TM703
Disk Diameter: 5 1/4 in.
Capacity: 31M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 39 msec
Mean Time Between Failure:
11,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: January 1983
(See Vendor Profile Page V-34)

TECHMAR, INC.

WINCHESTER SHARE/33
EXPANSION
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Plug Compatibility: TI
Capacity: 33M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 8,000
hours
Interface: Seagate ST506
Distribution Method: Third-party
Date First Installed: June 1983
(See Vendor Profile Page V-36)

Winchester Disk Drives

TECSTAR, INC.

SERIES III-83
Disk Diameter: 14 in.
Compatibility: CDC
Capacity: 83M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD, CDC
Price: \$4,400, without controller
Distribution Method: OEM
(See Vendor Profile Page V-36)

TECSTAR, INC.

SERIES III-100
Disk Diameter: 14 in.
Compatibility: CDC
Capacity: 100M bytes, formatted
Transfer Rate: 1,209K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: SMD, CDC
Price: \$4,500, without controller
Distribution Method: OEM

TEXAS INSTRUMENTS, INC.

WD 800/43
Disk Diameter: 8 in.
Compatibility: T1300, 600, 800
Capacity: 43M bytes, unformatted
Transfer Rate: 180K byte/sec
Average Access Time: 45 msec
Integral Controller: Yes
Distribution Method: OEM
(See Vendor Profile Page V-37)

3M CO.

8333
Disk Diameter: 8 in.
Capacity: 60M bytes, formatted
Transfer Rate: 933K byte/sec
Average Access Time: 29 msec
Mean Time Between Failure: 25,000 hours
Integral Controller: No
Interface: ANSI 1226
Price: \$5,200, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: June 1982
(See Vendor Profile Page V-00)

TOSHIBA AMERICA, INC.

MK80F-30
Disk Diameter: 8 in.
Plug Compatibility: CDC
Capacity: 30M bytes, unformatted
Transfer Rate: 1,210K byte/sec
Average Access Time: 40 msec
Integral Controller: No
Interface: SMD
Date First Installed: May 1981
(See Vendor Profile Page V-37)

TOSHIBA AMERICA, INC.

MK181F
Disk Diameter: 8 in.
Capacity: 39M bytes, unformatted
Transfer Rate: 1,210K byte/sec
Average Access Time: 35 msec
Integral Controller: No
Interface: SMD
Distribution Method: OEM

TOSHIBA AMERICA, INC.

MK184F
Disk Diameter: 8 in.
Capacity: 92M bytes, unformatted
Transfer Rate: 1,210K byte/sec
Average Access Time: 35 msec
Integral Controller: No

Interface: SMD
Distribution Method: OEM
Date First Installed: December 1982

UNIVATION, INC.

5 1/4-IN. HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 33M bytes, unformatted
Transfer Rate: 675K byte/sec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
(See Vendor Profile Page V-38)

UNIVATION, INC.

SIRIUS COMPATIBLE 5 1/4-IN. HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: Victor 9000
Capacity: 22M bytes, unformatted
Transfer Rate: 675K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: July 1983

U.S. DESIGN CORP.

CS5 835
Disk Diameter: 8 in.
Compatibility: DEC Q-Bus, LSI-1, PDP-11; Intel Multibus
Plug Compatibility: DEC RK07
Capacity: 35M bytes, unformatted
Transfer Rate: 800K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: ANSI 1226
Price: \$7,000, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: 350
Date First Installed: August 1982
(See Vendor Profile Page V-38)

U.S. DESIGN CORP.

CS8 870
Disk Diameter: 8 in.
Compatibility: DEC Q-Bus, LSI-1, PDP-11; Intel Multibus
Plug Compatibility: DEC RK07
Capacity: 70M bytes, unformatted
Transfer Rate: 800K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: ANSI 1226
Price: \$8,000, with controller
Distribution Method: OEM, Third-party
Number Installed to Date: 350
Date First Installed: August 1982

VERTEX

V130
Disk Diameter: 5 1/4 in.
Capacity: 30M bytes, formatted
Transfer Rate: 625K byte/sec

Mean Time Between Failure:

11,000 hours
Integral Controller: No
Interface: Seagate ST506, ST412
Price: \$1,850, without controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: April 1983
(See Vendor Profile Page V-33)

VERTEX

V150
Disk Diameter: 5 1/4 in.
Capacity: 51M bytes, formatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 11,000 hours
Integral Controller: No
Interface: Seagate ST506, ST412
Price: \$2,350, without controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: April 1983

VERTEX

V170
Disk Diameter: 5 1/4 in.
Capacity: 72M bytes, formatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 11,000 hours
Interface: Seagate ST506, ST412
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: April 1983

WANG LABORATORIES, INC.

2280N-2
Disk Diameter: 14 in.
Compatibility: Wang 2200
Capacity: 40M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 30 msec
Interface: SMD
Price: \$18,000, without controller
(See Vendor Profile Page V-39)

XEBEC

XEBEC-9730
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Apple II, Ile, II+
Capacity: 30M bytes, unformatted
Transfer Rate: 600K byte/sec
Average Access Time: 50 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Sasi
Price: \$4,000, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: May 1983
(See Vendor Profile Page V-39)

Capacities Under 20M Bytes

AM ELECTRONICS

RD5067-C-A
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Ile, II+
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 75 msec
Mean Time Between Failure: 10,000 hours

Maximum Drives Per Controller: 2

Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,700, with controller
Distribution Method: Third-party
Number Installed to Date: 100
(See Vendor Profile Page V-2)

AM ELECTRONICS

RD5067-C-1
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 75 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,700, with controller
Distribution Method: Third-party
Number Installed to Date: 100
Date First Installed: October 1982

AM ELECTRONICS

RD5076-C-T
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 75 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,700, with controller
Distribution Method: Third-party
Number Installed to Date: 100
Date First Installed: October 1982

AMPEX CORP.

PYXIS 7
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: October 1981
(See Vendor Profile Page V-2)

AMPEX CORP.

PYXIS 13
Disk Diameter: 5 1/4 in.
Capacity: 13M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1981

AMPEX CORP.

PYXIS 20
Disk Diameter: 5 1/4 in.
Capacity: 20M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 12,000 hours
Maximum Drives Per Controller: 4

Winchester Disk Drives

Integral Controller: No
Interface: Seagate ST506
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1981

APPARAT, INC.
5-MB IBM HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Sasi
Price: \$1,795, with controller
Distribution Method: End user
Date First Installed: July 1983
(See Vendor Profile Page V-3)

APPARAT, INC.
5-MB RADIO SHACK HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: Tandem
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Sasi
Price: \$1,489, with controller
Distribution Method: End user
Date First Installed: July 1983

APPARAT, INC.
10-MB IBM HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: Yes
Interface: Sasi
Price: \$1,995, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: July 1983

APPARAT, INC.
10-MB RADIO SHACK HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: Tandem
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Sasi
Price: \$1,735, with controller
Distribution Method: End user
Date First Installed: July 1983

APPARAT, INC.
15-MB IBM HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes

Interface: Sasi
Price: \$2,295, with controller
Date First Installed: July 1983

APPARAT, INC.
15-MB RADIO SHACK HARD DISK
Disk Diameter: 5 1/4 in.
Compatibility: Tandem
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Sasi
Price: \$1,945, with controller
Distribution Method: End user
Date First Installed: July 1983

APPLE COMPUTER, INC.
PROFILE
Disk Diameter: 5 1/4 in.
Compatibility: Apple III
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 95 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Parallel
Price: \$2,195, with controller
Distribution Method: Third-party
Number Installed to Date: 10,000-50,000
Date First Installed: November 1981
(See Vendor Profile Page V-3)

ATARI CORP.
3020
Disk Diameter: 5 1/4 in.
Capacity: 19M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$2,600, without controller
Distribution Method: End user
Date First Installed: October 1982
(See Vendor Profile Page V-4)

BERING INDUSTRIES, INC.
BERING 4895
Disk Diameter: 5 1/4 in.
Compatibility: HP
Plug Compatibility: HP 9895, 913X
Capacity: 15M bytes, formatted
Transfer Rate: 164K byte/sec
Average Access Time: 128 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: No
Interface: NEC APC
Price: \$6,990, with controller
Distribution Method: OEM
Date First Installed: September 1982
(See Vendor Profile Page V-5)

CAMEO ELECTRONICS, INC.
2015
Disk Diameter: 5 1/4 in.
Compatibility: Victor 9000; NEC APC
Capacity: 5M bytes, unformatted
Transfer Rate: 640K byte/sec
Average Access Time: 15 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,295, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500

Date First Installed: September 1982
(See Vendor Profile Page V-6)

CAMEO ELECTRONICS, INC.
2010
Disk Diameter: 5 1/4 in.
Compatibility: Victor 9000; NEC APC
Capacity: 10M bytes, unformatted
Transfer Rate: 640K byte/sec
Average Access Time: 15 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,295, with controller
Distribution Method: Third-party
Date First Installed: September 1982

CAMEO ELECTRONICS, INC.
2015
Disk Diameter: 5 1/4 in.
Compatibility: Victor 9000; NEC APC
Capacity: 15M bytes, unformatted
Transfer Rate: 640K byte/sec
Average Access Time: 15 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,295, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500
Date First Installed: September 1982

CAMEO ELECTRONICS, INC.
2020
Disk Diameter: 5 1/4 in.
Compatibility: Victor 9000; NEC APC
Capacity: 20M bytes, unformatted
Transfer Rate: 640K byte/sec
Average Access Time: 15 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,295, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500
Date First Installed: September 1982

CENTRAL DATA CORP.
D3001
Disk Diameter: 8 in.
Capacity: 10M bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 9,000 hours
Integral Controller: No
Interface: Ansi
Price: \$4,300, with controller
Distribution Method: Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.
D3002
Disk Diameter: 8 in.
Compatibility: Intel Multibus
Capacity: 20M bytes, unformatted
Transfer Rate: 125K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 9,000 hours
Integral Controller: No

Interface: Ansi
Price: \$4,800, with controller
Distribution Method: Third-party
Date First Installed: January 1981

CENTURY DATA SYSTEMS, INC.
MARKSMAN M30
Disk Diameter: 14 in.
Capacity: 20M bytes, formatted
Transfer Rate: 960K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$2,495, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: September 1978
(See Vendor Profile Page V-6)

CHRISLIN INDUSTRIES, INC.
CI-520
Disk Diameter: 5 1/4 in.
Compatibility: DEC LSI-11/23, LSI-11/03
Capacity: 10M bytes, unformatted
Transfer Rate: 808K byte/sec
Average Access Time: 40 msec
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,995, with controller
Distribution Method: OEM
Date First Installed: April 1983
(See Vendor Profile Page V-6)

COGITO SYSTEMS, INC.
CG906
Disk Diameter: 5 1/4 in.
Capacity: 8M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: Seagate ST412
Distribution Method: OEM
Date First Installed: June 1983
(See Vendor Profile Page V-7)

COGITO SYSTEMS, INC.
CG912
Disk Diameter: 5 1/4 in.
Capacity: 12M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 4,000 hours
Integral Controller: No
Interface: Seagate ST412
Price: \$895, without controller
Distribution Method: OEM
Date First Installed: June 1983

COMMODORE BUSINESS MACHINES, INC.
D9060
Disk Diameter: 5 1/4 in.
Capacity: 5M bytes, formatted
Price: \$2,995, without controller
Date First Installed: 1983
(See Vendor Profile Page V-7)

COMMODORE BUSINESS MACHINES, INC.
D9090
Disk Diameter: 5 1/4 in.
Capacity: 7M bytes, formatted
Price: \$3,495, without controller
Date First Installed: 1983

Winchester Disk Drives

COMPUTER AUTOMATION, INC.

45261-03
Disk Diameter: 8 in.
Compatibility: CA Model 4; DEC LSI-2
Capacity: 10M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 85 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 1000
Price: \$5,700, without controller
Distribution Method: End user, OEM
Date First Installed: 1981
(See Vendor Profile Page V-8)

COMPUTER DYNAMICS, INC.

WIN-5
Disk Diameter: 8 in.
Compatibility: IBM Personal Computer; Heath 89, 90; Apple II
Capacity: 4M bytes, formatted
Transfer Rate: 537K byte/sec
Average Access Time: 14 msec
Mean Time Between Failure: 15,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: S-100 Bus, STD
Price: \$1,500, with controller
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: 1982
(See Vendor Profile Page V-8)

COMPUTER MEMORIES, INC.

CM-5206
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 77 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,000, without controller
Distribution Method: OEM
Number Installed to Date: 2,000
Date First Installed: July 1981
(See Vendor Profile Page V-9)

COMPUTER MEMORIES, INC.

CM-5412
Disk Diameter: 5 1/4 in.
Capacity: 12M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 77 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,200, without controller
Distribution Method: OEM
Number Installed to Date: 10,000
Date First Installed: July 1981

COMPUTER MEMORIES, INC.

CM-5619
Disk Diameter: 5 1/4 in.
Capacity: 19M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 77 msec
Mean Time Between Failure: 10,000 hours
Interface: Seagate ST506
Price: \$1,400, without controller
Distribution Method: OEM
Number Installed to Date: 14,000
Date First Installed: July 1981

COMPUTER MEMORIES, INC.

CM-6213
Disk Diameter: 5 1/4 in.

Capacity: 13M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,400, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: January 1983

CONTROL DATA CORP.

CDC 9270-6 CRICKET
Disk Diameter: 3 1/2 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 117 msec
Mean Time Between Failure: 30,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Distribution Method: OEM
Date First Installed: 1983
(See Vendor Profile Page V-9)

CORONA DATA SYSTEMS

EXTERNAL PHD 5
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer; Corona Personal Computer
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,795, with controller
Distribution Method: OEM
Number Installed to Date: 100-500
(See Vendor Profile Page V-9)

CORONA DATA SYSTEMS

EXTERNAL PHD 10
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer; Corona Personal Computer
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,695, with controller
Distribution Method: OEM
Number Installed to Date: 100-500

CORONA DATA SYSTEMS

PERSONAL HARD DISK 5
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer; Corona Personal Computer
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$1,795, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000

CORONA DATA SYSTEMS

PERSONAL HARD DISK 18
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer; Corona

Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,295, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000

CORONA DATA SYSTEMS

STAR FIRE 10
Disk Diameter: 5 1/4 in.
Compatibility: Apple II; Franklin Ace
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,695, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000

CORVUS SYSTEMS, INC.

CORVUS II
Disk Diameter: 5 1/4 in.
Compatibility: Apple; IBM; Tandy TRS-80
Capacity: 14M bytes, formatted
Transfer Rate: 687K byte/sec
Average Access Time: 72 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$3,495, with controller
Distribution Method: Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: January 1980
(See Vendor Profile Page V-9)

CORVUS SYSTEMS, INC.

CORVUS 6
Disk Diameter: 5 1/4 in.
Compatibility: Apple; IBM; Tandy TRS-80
Capacity: 7M bytes, formatted
Transfer Rate: 687K byte/sec
Average Access Time: 72 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$2,495, with controller
Distribution Method: Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: December 1979

CROMEMCO, INC.

HD20
Disk Diameter: 5 1/4 in.
Capacity: 18M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 3
Integral Controller: No
Price: \$3,995, with controller
Distribution Method: OEM
Date First Installed: March 1983
(See Vendor Profile Page V-9)

CYBERCHRON CORP.

CHD 11-20
Disk Diameter: 8 in.
Compatibility: DEC RLV 22
Capacity: 20M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2

Integral Controller: Yes
Price: \$4,995, with controller
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: 1980
(See Vendor Profile Page V-10)

CYBERCHRON CORP.

CHD-11
Disk Diameter: 8 in.
Compatibility: DEC LSI-11, PDP-11
Capacity: 20M bytes, unformatted
Transfer Rate: 800K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 2,500 hours
Price: \$4,995, without controller
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: 1980

DATA GENERAL CORP.

6220
Disk Diameter: 8 in.
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 65 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: DG Compatible
Price: \$4,175, with controller
Distribution Method: End user, OEM
Date First Installed: August 1982

DATA GENERAL CORP.

6222
Disk Diameter: 8 in.
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 65 msec
Integral Controller: Yes
Interface: DG Compatible
Price: \$5,600, with controller
Distribution Method: End user, OEM
Date First Installed: August 1982

DATA MANAGEMENT LABS, INC.

1010
Disk Diameter: 8 in.
Capacity: 5M bytes, unformatted
Transfer Rate: 250K byte/sec
Average Access Time: 27 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: Yes
Interface: Intel
Price: \$7,300, with controller
Distribution Method: Third-party
Number Installed to Date: 500-1,000
(See Vendor Profile Page V-10)

DATAMAX

DATAMAX WFD-1
Disk Diameter: 5 1/4 in.
Compatibility: Datamax UV-1, UV-1R
Capacity: 5M bytes, unformatted
Transfer Rate: 132K byte/sec
Average Access Time: 125 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$7,000, with controller
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: June 1982
(See Vendor Profile Page V-10)

DATAPoint CORP.

20 MB
Disk Diameter: 5 1/4 in.
Compatibility: Datapoint

Winchester Disk Drives

Capacity: 20M bytes, unformatted
Transfer Rate: 650K byte/sec
Average Access Time: 5 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$8,000, with controller
Distribution Method: End user
Date First Installed: September 1981
(See Vendor Profile Page V-11)

DATAPoint CORP.

9313
Disk Diameter: 5 1/4 in.
Compatibility: Datapoint
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 8 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$3,950, with controller
Distribution Method: End user

DATAPoint CORP.

9315
Disk Diameter: 5 1/4 in.
Compatibility: Datapoint
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 8 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$5,950, with controller
Distribution Method: End user
Date First Installed: October 1982

DATA SYSTEMS DESIGN, INC.

DSD 770-10
Disk Diameter: 5 1/4 in.
Compatibility: Intel Multibus
Capacity: 10M bytes, unformatted
Transfer Rate: 542K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Distribution Method: End user, OEM
(See Vendor Profile Page V-11)

DAVONG SYSTEMS, INC.

D5010-305
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Apple II, III, Osborne
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 100 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,095, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: March 1982
(See Vendor Profile Page V-12)

DAVONG SYSTEMS, INC.

D5010-010
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Apple II, III, Osborne
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 100 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,595, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: August 1982

DAVONG SYSTEMS, INC.

D5010-015
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer, Apple II, III, Osborne
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 100 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,095, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: October 1982

DIGITAL EQUIPMENT CORP.

RDS1
Disk Diameter: 5 1/4 in.
Compatibility: DEC Rainbow 10
Capacity: 5M bytes, unformatted
Transfer Rate: 5,000K byte/sec
Average Access Time: 170 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,695, with controller
Distribution Method: End user
Date First Installed: 1983
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.

RDS1
Disk Diameter: 5 1/4 in.
Compatibility: DEC PROF 350
Capacity: 10M bytes, unformatted
Transfer Rate: 5,000K byte/sec
Average Access Time: 170 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$2,985, with controller
Distribution Method: End user
Date First Installed: 1983

DISC TECH ONE

SERIES 3306
Disk Diameter: 14 in.
Compatibility: DEC, DG, TI, PE
Capacity: 4M bytes, unformatted
Transfer Rate: 398K byte/sec
Average Access Time: 38 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: SMD
Price: \$3,700, without controller
Distribution Method: OEM
Date First Installed: 1978
(See Vendor Profile Page V-13)

DISCTRON, INC.

D507
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure: 6,000 hours
Integral Controller: Yes
Price: \$55, with controller
Distribution Method: OEM
Date First Installed: November 1982
(See Vendor Profile Page V-13)

DISCTRON, INC.

DP100
Disk Diameter: 8 in.
Capacity: 11M bytes, formatted
Transfer Rate: 875K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes

Price: \$1,390, with controller
Distribution Method: OEM
Date First Installed: April 1981

DISK MEMORY TECHNOLOGY, INC.

RUGGED 5-MB 8-IN. WINCHESTER
Disk Diameter: 8 in.
Compatibility: DMT 601
Capacity: 5M bytes, unformatted
Transfer Rate: 315K byte/sec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$1,500, without controller; \$3,000, with controller
Distribution Method: End user
Number Installed to Date: 500
Date First Installed: 1974
(See Vendor Profile Page V-13)

EVOTEK CORP.

ET-5510
Disk Diameter: 5 1/4 in.
Capacity: 7M bytes, formatted
Transfer Rate: 1,032K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$1,500, without controller
Distribution Method: OEM
Date First Installed: January 1983
(See Vendor Profile Page V-15)

EVOTEK CORP.

ET-5520
Disk Diameter: 5 1/4 in.
Capacity: 15M bytes, formatted
Transfer Rate: 1,032K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$1,725, without controller
Distribution Method: OEM
Date First Installed: January 1983

EVOTEK CORP.

ET-5810
Disk Diameter: 5 1/4 in.
Capacity: 12M bytes, formatted
Transfer Rate: 1,032K byte/sec
Average Access Time: 8 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$1,675, without controller
Distribution Method: OEM
Date First Installed: May 1983

FUJITSU AMERICA, INC.

M2231
Disk Diameter: 5 1/4 in.
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 95 msec
Interface: Seagate ST506, Shugart SA 4000
Distribution Method: End user
(See Vendor Profile Page V-15)

FUJITSU AMERICA, INC.

M2233
Disk Diameter: 5 1/4 in.
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 95 msec

Interface: Seagate ST506, Shugart SA 4000
Distribution Method: End user

FUJITSU AMERICA, INC.

M2234
Disk Diameter: 5 1/4 in.
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 95 msec
Interface: Seagate ST506, Shugart SA 4000
Distribution Method: End user

HEWLETT-PACKARD CO.

7908P/R
Disk Diameter: 8 in.
Compatibility: HP 1000, 2500, 9000, Series 200
Capacity: 16M bytes, unformatted
Transfer Rate: 538K byte/sec
Average Access Time: 50 msec
Integral Controller: Yes
Interface: HP-IB, IEEE-488
Price: \$9,900, with controller
Distribution Method: End user
Date First Installed: September 1981
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

7911 P/R
Disk Diameter: 14 in.
Compatibility: HP 1000, 3000, 250, 9000
Capacity: 28K bytes, unformatted
Transfer Rate: 1,000K byte/sec
Average Access Time: 35 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: HP-IB, IEEE-488
Price: \$14,500, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: September 1981

HEWLETT-PACKARD CO.

9134A
Disk Diameter: 5 1/4 in.
Compatibility: HP Series 80, Series 100, Series 200, 9825T
Capacity: 4M bytes, unformatted
Transfer Rate: 50K byte/sec
Average Access Time: 168 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: HP-IB, IEEE-488
Price: \$3,500, with controller
Distribution Method: End user
Number Installed to Date: 1,000-5,000

HEWLETT-PACKARD CO.

9134A OPT. 010
Disk Diameter: 5 1/4 in.
Compatibility: HP 86, 87, Series 200
Capacity: 4M bytes, unformatted
Transfer Rate: 50K byte/sec
Average Access Time: 168 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: HP-IB, IEEE-488
Price: \$4,500, with controller
Distribution Method: End user
Number Installed to Date: 100-500

IBIS SYSTEMS, INC.

IBIS 5380-A4
Disk Diameter: 14 in.

Winchester Disk Drives

Capacity: 2M bytes, unformatted
Transfer Rate: 375K byte/sec
Average Access Time: 16 msec
Mean Time Between Failure: 10,000 hours
Interface: Serial
Price: \$81,995, without controller
Distribution Method: End user
(See Vendor Profile Page V-17)

IBIS SYSTEMS, INC.

IBIS 5380-AA4
Disk Diameter: 14 in.
Compatibility: IBM 3081, 3033
Capacity: 2M bytes, unformatted
Transfer Rate: 375K byte/sec
Average Access Time: 16 msec
Mean Time Between Failure: 10,000 hours
Interface: Serial
Price: \$93,710, without controller
Distribution Method: End user

IBIS SYSTEMS, INC.

IBIS 5380-B4
Disk Diameter: 14 in.
Compatibility: IBM 3380
Capacity: 2M bytes, unformatted
Transfer Rate: 375K byte/sec
Average Access Time: 16 msec
Mean Time Between Failure: 10,000 hours
Interface: IBM
Price: \$68,020, without controller
Distribution Method: End user

IBIS SYSTEMS, INC.

IBIS 5380-B54
Disk Diameter: 14 in.
Compatibility: IBM 3380
Capacity: 2M bytes, unformatted
Transfer Rate: 375K byte/sec
Average Access Time: 16 msec
Mean Time Between Failure: 10,000 hours
Interface: IBM
Price: \$71,120, without controller
Distribution Method: End user

IBM

5022 MODEL 3
Disk Diameter: 14 in.
Compatibility: IBM
Capacity: 1M bytes, unformatted
Transfer Rate: 195K byte/sec
Average Access Time: 269 msec
Price: \$9,880, without controller
(See Vendor Profile Page V-17)

IBM

5022 MODEL 4
Disk Diameter: 14 in.
Compatibility: IBM
Capacity: 1M bytes, unformatted
Transfer Rate: 195K byte/sec
Average Access Time: 126 msec
Price: \$10,820, without controller

IBM

5247 MODEL 011
Disk Diameter: 210 mm
Compatibility: IBM 5322, 5324
Capacity: 15M bytes, unformatted
Transfer Rate: 1,250K byte/sec
Average Access Time: 40 msec
Price: \$7,010, without controller
Date First Installed: September 1982

IDE ASSOCIATES, INC.

IDEADISK FIXED
Disk Diameter: 3.9 in.
Compatibility: IBM Personal Computer
Capacity: 6M bytes, formatted

Transfer Rate: 625K byte/sec
Average Access Time: 70 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Price: \$1,750, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: January 1983
(See Vendor Profile Page V-17)

IRWIN MAGNETICS, INC.

#16
Disk Diameter: 5 1/4 in.
Capacity: 16M bytes, formatted
Transfer Rate: 54K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: Irwin
Price: \$1,800, without controller; \$2,800, with controller
Distribution Method: OEM
Date First Installed: 1981
(See Vendor Profile Page V-20)

IRWIN MAGNETICS, INC.

#16
Disk Diameter: 5 1/4 in.
Capacity: 16M bytes, formatted
Transfer Rate: 54K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 8
Integral Controller: Yes
Interface: Irwin
Price: \$2,500, without controller; \$3,700, with controller
Distribution Method: OEM
Date First Installed: 1981

LOBO SYSTEMS, INC.

950A
Disk Diameter: 5 1/4 in.
Compatibility: Apple II +
Capacity: 4M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 170 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,675, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: 1980
(See Vendor Profile Page V-22)

LOBO SYSTEMS, INC.

1B56A
Disk Diameter: 8 in.
Compatibility: Apple II +
Capacity: 8M bytes, unformatted
Transfer Rate: 538K byte/sec
Average Access Time: 70 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,459, with controller
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: 1980

MEGAVALT

MV20
Disk Diameter: 8 in.
Capacity: 20M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 45 msec
Integral Controller: No
Interface: Ansil 1226; SCSI; SMD; Shugart SA 1000; Seagate ST512
Distribution Method: OEM
(See Vendor Profile Page V-23)

MEMOREX CORP.

101
Disk Diameter: 8 in.
Capacity: 11M bytes, formatted
Transfer Rate: 593K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Shugart SA 4000
Price: \$1,450, without controller
Distribution Method: OEM
Date First Installed: September 1980
(See Vendor Profile Page V-23)

MEMOREX CORP.

321
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$645, without controller
Distribution Method: OEM
Date First Installed: July 1983

MEMOREX CORP.

322
Disk Diameter: 5 1/4 in.
Capacity: 13M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$775, without controller
Distribution Method: OEM
Date First Installed: July 1983

MEMOREX CORP.

323
Disk Diameter: 5 1/4 in.
Capacity: 20M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 10,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$905, without controller
Distribution Method: OEM
Date First Installed: July 1983

MICRO DATA SYSTEMS

EZ 625
Disk Diameter: 5 1/4 in.
Compatibility: Zenith Z89; Xerox 1; S-100
Capacity: 5M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 125 msec
Mean Time Between Failure: 16,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$2,295, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500
Date First Installed: December 1981
(See Vendor Profile Page V-24)

MICRO DATA SYSTEMS

EZ 634
Disk Diameter: 5 1/4 in.
Compatibility: Zenith Z89; Xerox 1; S-100
Capacity: 10M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 125 msec

Mean Time Between Failure: 16,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$2,495, with controller
Number Installed to Date: 100-500
Date First Installed: March 1982

MICRO DATA SYSTEMS

EZ 845
Disk Diameter: 5 1/4 in.
Compatibility: Zenith Z89; Xerox 1; S-100
Capacity: 20M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 125 msec
Mean Time Between Failure: 16,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Price: \$3,495, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500
Date First Installed: July 1982

MICROPOLIS CORP.

1202 SA
Disk Diameter: 8 in.
Capacity: 20M bytes, formatted
Transfer Rate: 540K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Shugart SA 1000, SA 1100
Distribution Method: OEM
Date First Installed: August 1982
(See Vendor Profile Page V-24)

MICROPOLIS CORP.

1221
Disk Diameter: 8 in.
Capacity: 8M bytes, formatted
Transfer Rate: 922K byte/sec
Average Access Time: 42 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Micropolis
Price: \$1,775, without controller
Distribution Method: OEM
Number Installed to Date: 30,000
Date First Installed: June 1980

MICROPOLIS CORP.

1302
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST506/ST412
Capacity: 17M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 33 msec
Mean Time Between Failure: 13,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$975, without controller
Distribution Method: OEM
Date First Installed: April 1983

MICROSCIENCE

INTERNATIONAL
MODEL HH512
Disk Diameter: 5 1/4 in.
Capacity: 10M bytes, formatted
Transfer Rate: 725K byte/sec
Average Access Time: 55 msec
Mean Time Between Failure: 1,000 hours
Integral Controller: No
Interface: Seagate ST506

Winchester Disk Drives

Price: \$1,999, without controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1982
(See Vendor Profile Page V-24)

MINISCRIBE CORP.
2006
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST412
Price: \$692, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: December 1981
(See Vendor Profile Page V-24)

MINISCRIBE CORP.
2012
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST412
Price: \$879, without controller
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: December 1981

MINISCRIBE CORP.
3006
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST412
Price: \$622, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: January 1983

MINISCRIBE CORP.
3012
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 12M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 155 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST412
Price: \$80,700, without controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: January 1983

MINISCRIBE CORP.
4010
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 10M bytes, formatted

Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST412
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: June 1982

MINISCRIBE CORP.
4020
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 20M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST412
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: June 1982

MOUNTAIN COMPUTER, INC.
DDS-01-445-01
Disk Diameter: 5 1/4 in.
Compatibility: Apple I, Apple II +
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST406
Price: \$1,995, with controller
Distribution Method: End user
Date First Installed: October 1982
(See Vendor Profile Page V-25)

MOUNTAIN COMPUTER, INC.
DDS-01-445-02
Disk Diameter: 5 1/4 in.
Compatibility: Apple I, II +
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST412
Price: \$2,495, with controller
Distribution Method: End user

MOUNTAIN COMPUTER, INC.
DDS-01-445-03
Disk Diameter: 5 1/4 in.
Compatibility: Apple I, II +
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST419
Price: \$2,995, with controller
Distribution Method: OEM
Date First Installed: October 1982

MOUNTAIN COMPUTER, INC.
DDS-01-482-01
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 5M bytes, unformatted
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours

11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST406
Price: \$1,995, with controller
Distribution Method: End user
Date First Installed: October 1982

MOUNTAIN COMPUTER, INC.
DDS-01-482-02
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 1M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST412
Price: \$2,495, with controller
Distribution Method: End user

MOUNTAIN COMPUTER, INC.
DDS-01-482-03
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal Computer
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST419
Price: \$2,995, with controller
Distribution Method: OEM
Date First Installed: October 1982

MOUNTAIN COMPUTER, INC.
DDS-01-482-03
Disk Diameter: 5 1/4 in.
Compatibility: Apple III
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST419
Price: \$2,995, with controller
Distribution Method: OEM
Date First Installed: October 1982

MOUNTAIN COMPUTER, INC.
DDS-01-494-01
Disk Diameter: 5 1/4 in.
Compatibility: Apple III
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST406
Price: \$1,995, with controller
Distribution Method: End user
Date First Installed: October 1982

MOUNTAIN COMPUTER, INC.
DDS-01-494-02
Disk Diameter: 5 1/4 in.
Compatibility: Apple III
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST412

Price: \$2,495, with controller
Distribution Method: End user
Date First Installed: October 1982

NEC INFORMATION SYSTEMS, INC.
D5214
Disk Diameter: 5 1/4 in.
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 5
Integral Controller: Yes
Interface: Seagate ST378
Price: \$915, with controller
Distribution Method: OEM, Third-party
Date First Installed: April 1983
(See Vendor Profile Page V-26)

NEC INFORMATION SYSTEMS, INC.
D5224
Disk Diameter: 5 1/4 in.
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 5
Integral Controller: Yes
Interface: Seagate ST378
Price: \$1,180, with controller
Distribution Method: OEM, Third-party
Date First Installed: April 1983

NEC INFORMATION SYSTEMS, INC.
D5234
Disk Diameter: 5 1/4 in.
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 5
Integral Controller: Yes
Interface: Seagate ST378
Price: \$1,250, with controller
Distribution Method: OEM, Third-party
Date First Installed: April 1983

NIXDORF COMPUTER CORP.
B350-X2
Compatibility: IBM 4300, 3700
Series: Nixdorf B890
Plug Compatibility: IBM 3350
Capacity: 1M bytes, unformatted
Transfer Rate: 120K byte/sec
Average Access Time: 23 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Integrated
Price: \$41,130, without controller; \$46,710, with controller
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: 1981
(See Vendor Profile Page V-26)

ONYX & IMI, INC.
5006H
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Average Access Time: 68 msec
Mean Time Between Failure: 10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506

Winchester Disk Drives

Price: \$900, without controller;
\$1,285, with controller
Distribution Method: Third-party
Number Installed to Date: 5,000-
10,000
Date First Installed: July 1982
(See Vendor Profile Page V-27)

ONYX & IMI, INC.
5012H
Disk Diameter: 5 1/4 in.
Capacity: 12M bytes, formatted
Transfer Rate: 500K byte/sec
Average Access Time: 68 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$950, without controller;
\$1,335, with controller
Distribution Method: Third-party
Number Installed to Date: 5,000-
10,000
Date First Installed: July 1982

ONYX & IMI, INC.
5018H
Disk Diameter: 5 1/4 in.
Capacity: 18M bytes, formatted
Average Access Time: 68 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$995, without controller;
\$1,380, with controller
Distribution Method: Third-party
Number Installed to Date: 5,000-
10,000
Date First Installed: July 1982

ONYX & IMI, INC.
7710
Disk Diameter: 8 in.
Capacity: 10M bytes, unformatted
Transfer Rate: 648K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Ansi X3T9.3, IMI Bus
Price: \$1,450, without controller;
\$1,700, with controller
Distribution Method: OEM
Number Installed to Date: 20,000
Date First Installed: June 1978

ONYX & IMI, INC.
9810R
Disk Diameter: 8 in.
Capacity: 19M bytes, unformatted
Transfer Rate: 648K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: Ansi X3T9.3, IMI Bus
Price: \$1,650, without controller;
\$1,900, with controller
Distribution Method: OEM
Number Installed to Date: 15,000
Date First Installed: June 1979

ONYX & IMI, INC.
9810R
Disk Diameter: 8 in.
Compatibility: PE
Capacity: 10M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure:

10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: No
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: 1979

ONYX & IMI, INC.
9820R
Disk Diameter: 8 in.
Compatibility: PE
Capacity: 19M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 35 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 1
Integral Controller: No
Distribution Method: OEM, Third-
party
Number Installed to Date: 1,000-
5,000
Date First Installed: 1979

PERCOM DATA CORP.
PHD 5/5A
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80; IBM
Personal Computer; Apple II
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Price: \$1,495, without controller;
\$1,595, with controller
(See Vendor Profile Page V-28)

PERCOM DATA CORP.
PHD 10/10A
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS-80; IBM
Personal Computer; Apple II
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Maximum Drives Per Controller: 4
Price: \$1,895, without controller;
\$1,995, with controller

PERCOM DATA CORP.
PHD 15/15A
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS 80; IBM
Personal Computer; Apple II
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Maximum Drives Per Controller: 4
Price: \$2,395, without controller;
\$2,495, with controller

PERCOM DATA CORP.
PHD 20/20A
Disk Diameter: 5 1/4 in.
Compatibility: Tandy TRS 80; IBM
Personal Computer; Apple II
Capacity: 20M bytes, unformatted
Transfer Rate: 625K byte/sec
Maximum Drives Per Controller: 4
Price: \$2,995, without controller;
\$2,995, with controller

PH-ASSOCIATES, INC.
DSS-5B
Disk Diameter: 5 1/4 in.
Compatibility: Northstar
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,995, with controller
Distribution Method: End user, OEM
Date First Installed: May 1983

(See Vendor Profile Page V-28)

PH-ASSOCIATES, INC.
DSS-10B
Disk Diameter: 5 1/4 in.
Compatibility: Northstar Advantage;
Apple; IBM Personal Computer;
Tandy TRS-80
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,295, with controller
Distribution Method: End user, OEM
Number Installed to Date: Under
100
Date First Installed: May 1983
(See Vendor Profile Page V-29)

PH-ASSOCIATES, INC.
MARK 20
Disk Diameter: 5 1/4 in.
Compatibility: Northstar Advantage;
Apple; IBM Personal Computer;
Tandy TRS-80
Capacity: 20M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 30 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,333, with controller
Distribution Method: End user, OEM
Number Installed to Date: Under
100
Date First Installed: January 1983

PH-ASSOCIATES, INC.
DSS-15B
Disk Diameter: 5 1/4 in.
Compatibility: Northstar Advantage;
Apple; IBM Personal Computer;
Tandy TRS-80
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,695, with controller
Distribution Method: End user, OEM

POLYMORPHIC SYSTEMS
HD/18
Disk Diameter: 5 1/4 in.
Compatibility: Polymorph 8813,
8810
Capacity: 18M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,995, with controller
Distribution Method: Third-party
Date First Installed: September
1982
(See Vendor Profile Page V-29)

PROFESSIONAL MICRO
SYSTEMS
PMS 6
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Capacity: 6M bytes, formatted

Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure:
12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,200, without controller
Date First Installed: May 1979
(See Vendor Profile Page V-29)

PROFESSIONAL MICRO SYSTEMS

PMS 20
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Capacity: 20M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure:
12,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,895, with controller
Distribution Method: Third-party
Date First Installed: May 1979

QUANTUM CORP.

Q520
Disk Diameter: 5 1/4 in.
Plug Compatibility: Seagate ST412
Capacity: 20M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 45 msec
Mean Time Between Failure:
10,000 hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,700, without controller
Distribution Method: OEM
Date First Installed: June 1983
(See Vendor Profile Page V-30)

QUANTUM CORP.
Q2010
Disk Diameter: 8 in.
Compatibility: Shugart SA 1000
Capacity: 10M bytes, formatted
Transfer Rate: 542K byte/sec
Average Access Time: 55 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 1000
Price: \$1,950, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
Date First Installed: June 1981

QUANTUM CORP.
Q2020
Disk Diameter: 8 in.
Compatibility: Shugart SA 1000
Capacity: 20M bytes, formatted
Transfer Rate: 542K byte/sec
Average Access Time: 60 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: Shugart SA 1000
Price: \$2,415, without controller
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
Date First Installed: June 1981

QUENTIN RESEARCH, INC.
QA-505
Disk Diameter: 5 1/4 in.

Winchester Disk Drives

Compatibility: Apple II, Apple II+, Apple IIe
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$2,195, without controller
Distribution Method: OEM
Date First Installed: May 1983
(See Vendor Profile Page V-30)

QUENTIN RESEARCH, INC.
QA-510
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIe
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$2,395, without controller
Distribution Method: OEM
Date First Installed: May 1983

QUENTIN RESEARCH, INC.
QA-515
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIe
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$2,695, without controller
Distribution Method: OEM
Date First Installed: May 1983

QUENTIN RESEARCH, INC.
QA-520
Disk Diameter: 5 1/4 in.
Compatibility: Apple II, Apple II+, Apple IIe
Capacity: 20M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 40 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: No
Price: \$2,995, without controller
Distribution Method: OEM
Date First Installed: May 1983

RODIME CORP.
RD201
Disk Diameter: 5 1/4 in.
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$990, without controller
Distribution Method: Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: January 1983
(See Vendor Profile Page V-31)

RODIME CORP.
RD202
Disk Diameter: 5 1/4 in.
Compatibility: Seagate ST506
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 90 hours
Integral Controller: No
Price: \$1,225, without controller

Distribution Method: Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: January 1982

RODIME CORP.
RD203
Disk Diameter: 5 1/4 in.
Compatibility: Seagate ST506
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,460, without controller
Distribution Method: Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: January 1982

RODIME CORP.
RD352
Disk Diameter: 3 1/2 in.
Compatibility: ST 506
Capacity: 12M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 12,000 hours
Integral Controller: No
Interface: Seagate ST506
Price: \$1,250, without controller
Distribution Method: Third-party
Date First Installed: April 1983

SEAGATE TECHNOLOGY
ST406
Disk Diameter: 5 1/4 in.
Compatibility: Apple; HP; DEC
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$840, without controller
Distribution Method: OEM
(See Vendor Profile Page V-32)

SEAGATE TECHNOLOGY
ST412
Disk Diameter: 5 1/4 in.
Compatibility: Apple; HP; DEC
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$930, without controller
Distribution Method: OEM
Date First Installed: February 1982

SEAGATE TECHNOLOGY
ST415
Disk Diameter: 5 1/4 in.
Compatibility: Apple; HP; DEC
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$1,100, without controller
Distribution Method: OEM, Third-party

SEAGATE TECHNOLOGY
ST506
Disk Diameter: 5 1/4 in.
Compatibility: Apple; HP; DEC
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 4
Integral Controller: No
Interface: Seagate ST506
Price: \$884, without controller
Distribution Method: OEM
Date First Installed: September 1980

SHUGART ASSOCIATES, INC.
AS5002
Disk Diameter: 8 in.
Capacity: 5M bytes, formatted
Transfer Rate: 542K byte/sec
Average Access Time: 70 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
Date First Installed: April 1979
(See Vendor Profile Page V-32)

SHUGART ASSOCIATES, INC.
SA 604
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 99 msec
Mean Time Between Failure: 11,500 hours
Distribution Method: OEM

SHUGART ASSOCIATES, INC.
SA 606
Disk Diameter: 5 1/4 in.
Capacity: 10M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 99 msec
Mean Time Between Failure: 11,500 hours
Distribution Method: OEM

SHUGART ASSOCIATES, INC.
SA 612
Disk Diameter: 5 1/4 in.
Capacity: 12M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 99 msec
Mean Time Between Failure: 11,500 hours
Distribution Method: OEM

SHUGART ASSOCIATES, INC.
SA 706
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 99 msec
Mean Time Between Failure: 20,000 hours
Distribution Method: OEM

SHUGART ASSOCIATES, INC.
SA 712
Disk Diameter: 5 1/4 in.
Capacity: 13M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 99 msec
Mean Time Between Failure: 20,000 hours
Distribution Method: OEM

SHUGART ASSOCIATES, INC.
SA 1004
Disk Diameter: 8 in.
Capacity: 10M bytes, formatted
Transfer Rate: 542K byte/sec
Average Access Time: 70 msec

Mean Time Between Failure: 8,000 hours
Distribution Method: OEM

SHUGART ASSOCIATES, INC.
SA 4004
Disk Diameter: 14 in.
Capacity: 14M bytes, formatted
Transfer Rate: 887K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure: 8,000 hours
Distribution Method: OEM
Date First Installed: March 1978

STAR TECHNOLOGIES
DART WINCHESTER SUBSYSTEM 10MB
Disk Diameter: 8 in.
Compatibility: DG Nova
Capacity: 10M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 45 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: DG Nova Bus
Price: \$4,500, with controller
Distribution Method: Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: January 1981
(See Vendor Profile Page V-33)

STAR TECHNOLOGIES
DART WINCHESTER SUBSYSTEM 3.4MB
Disk Diameter: 8 in.
Compatibility: DG Nova
Capacity: 3.4M bytes, unformatted
Transfer Rate: 1,200K byte/sec
Average Access Time: 45 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Interface: DG Nova Bus
Price: \$5,500, with controller
Distribution Method: Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: January 1981

SYQUEST TECHNOLOGY, INC.
SQ306S
Disk Diameter: 3.9 in.
Compatibility: IBM Personal Computer, DEC LSI-2
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 1,000 hours
Integral Controller: No
Price: \$800, without controller
Distribution Method: OEM, Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-33)

TANDON CORP.
TM501
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure: 11,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: January 1983
(See Vendor Profile Page V-34)

TANDON CORP.
TM502
Disk Diameter: 5 1/4 in.
Capacity: 12M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec

Winchester Disk Drives

Mean Time Between Failure:
11,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: January 1983

TANDON CORP.

TM503
Disk Diameter: 5 1/4 in.
Capacity: 19M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 85 msec
Mean Time Between Failure:
11,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: January 1983

TANDON CORP.

TM602
Disk Diameter: 5 1/4 in.
Capacity: 6M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 153 msec
Mean Time Between Failure:
11,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: September 1980

TANDON CORP.

TM602SE
Disk Diameter: 5 1/4 in.
Capacity: 9M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 210 msec
Mean Time Between Failure:
11,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: September 1980

TANDON CORP.

TM603
Disk Diameter: 5 1/4 in.
Capacity: 9M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 210 msec
Mean Time Between Failure:
11,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: September 1980

TANDON CORP.

TM603SE
Disk Diameter: 5 1/4 in.
Capacity: 14M bytes, formatted
Transfer Rate: 625K byte/sec
Average Access Time: 210 msec
Mean Time Between Failure:
11,000 hours
Integral Controller: No
Distribution Method: OEM
Date First Installed: September 1980

TECMAR, INC.

WINCHESTER SHARE/10
EXPANSION
Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Plug Compatibility: TI
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 2
Interface: Seagate ST506
Price: \$2,795, with controller
Distribution Method: Third-party

Date First Installed: March 1982
(See Vendor Profile Page V-36)

TECMAR, INC. WINCHESTER SHARE/15 EXPANSION

Disk Diameter: 5 1/4 in.
Compatibility: IBM Personal
Computer
Plug Compatibility: TI
Capacity: 16M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 8,000
hours
Integral Controller: Yes
Interface: Seagate ST506
Price: \$3,195, with controller
Distribution Method: Third-party

TEXAS INSTRUMENTS, INC.

WD 500
Disk Diameter: 5 1/4 in.
Compatibility: TI 651
Capacity: 11M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 87 msec
Maximum Drives Per Controller: 8
Integral Controller: Yes
Distribution Method: Third-party
(See Vendor Profile Page V-37)

TEXAS INSTRUMENTS, INC.

WD 800/18
Disk Diameter: 8 in.
Compatibility: TI 300, 600, 800
Capacity: 18M bytes, unformatted
Transfer Rate: 180K byte/sec
Average Access Time: 45 msec
Integral Controller: Yes
Distribution Method: OEM
Date First Installed: April 1982

THOUGHTWORKS, INC.

HD 105
Disk Diameter: 5 1/4 in.
Compatibility: Sanyo MBC Series;
Zenith 2100; Xerox 820; Apple II
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 8,000
hours
Integral Controller: No
Interface: Seagate ST506
Price: \$2,495, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500
(See Vendor Profile Page V-37)

THOUGHTWORKS, INC.

HD 110
Disk Diameter: 5 1/4 in.
Compatibility: Sanyo MBC; Zenith
2100; Xerox 820; Apple II
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 8,000
hours
Integral Controller: No
Interface: Seagate ST506
Price: \$2,995, with controller
Distribution Method: Third-party
Number Installed to Date: 100-500
(See Vendor Profile Page V-37)

THOUGHTWORKS, INC.

HD 120
Disk Diameter: 5 1/4 in.
Compatibility: Sanyo MBC; Zenith
2100; Xerox 820; Apple II
Capacity: 20M bytes, unformatted
Transfer Rate: 625K byte/sec
Mean Time Between Failure: 8,000
hours
Integral Controller: No
Interface: Seagate ST506
Price: \$4,495, with controller

Distribution Method: Third-party
Number Installed to Date: 100-500
Date First Installed: 1982

3M CO.

8431
Disk Diameter: 8 in.
Capacity: 10M bytes, formatted
Transfer Rate: 933K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: No
Interface: Ansi 1226
Price: \$2,345, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: February 1981
(See Vendor Profile Page V-37)

3M CO.

8432
Disk Diameter: 8 in.
Capacity: 20M bytes, formatted
Transfer Rate: 933K byte/sec
Average Access Time: 65 msec
Mean Time Between Failure:
10,000 hours
Integral Controller: No
Interface: Ansi 1226
Price: \$2,675, without controller
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: February 1981

TOSHIBA AMERICA, INC.

MK80-F20
Disk Diameter: 8 in.
Plug Compatibility: CDC
Capacity: 18M bytes, unformatted
Transfer Rate: 1,210K byte/sec
Average Access Time: 40 msec
Integral Controller: No
Interface: SMD
Date First Installed: May 1981
(See Vendor Profile Page V-37)

TOSHIBA AMERICA, INC.

MK80-F10
Disk Diameter: 8 in.
Plug Compatibility: CDC
Capacity: 12M bytes, unformatted
Transfer Rate: 1,210K byte/sec
Average Access Time: 40 msec
Integral Controller: No
Interface: SMD
Distribution Method: OEM
Date First Installed: May 1981

TRAK MICROCOMPUTER

CORP.
COMMANDER 5
Disk Diameter: 5 1/4 in.
Compatibility: Zenith 100; IBM
Personal Computer
Capacity: 5M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 80 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,985, with controller
Distribution Method: Third-party
Number Installed to Date: 600
Date First Installed: November 1982
(See Vendor Profile Page V-37)

TRAK MICROCOMPUTER

CORP.
COMMANDER 10
Disk Diameter: 5 1/4 in.
Compatibility: Zenith 100; IBM
Capacity: 10M bytes, unformatted

Transfer Rate: 625K byte/sec
Average Access Time: 72 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$2,200, with controller
Distribution Method: Third-party
Number Installed to Date: 600
Date First Installed: November 1982

TRAK MICROCOMPUTER

CORP.
COMMANDER 15
Disk Diameter: 5 1/4 in.
Compatibility: Zenith 100; IBM
Personal Computer
Capacity: 15M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 72 msec
Mean Time Between Failure: 8,000
hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$25,400, with controller
Distribution Method: Third-party
Number Installed to Date: 600
Date First Installed: November 1982

TRANTOR SYSTEMS LTD.

TRANTOR TSL-5
Disk Diameter: 5 1/4 in.
Compatibility: Osborne 1,
Executive, Apple II; Franklin Ace 100
Capacity: 5M bytes, formatted
Transfer Rate: 64K byte/sec
Average Access Time: 23 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: IEEE 48
Price: \$2,395, with controller
Distribution Method: OEM
Number Installed to Date: Under
100
Date First Installed: 1982
(See Vendor Profile Page V-37)

TRANTOR SYSTEMS LTD.

TRANTOR TSL-10
Disk Diameter: 5 1/4 in.
Compatibility: Osborne 1,
Executive, Apple II; Franklin Ace 100
Capacity: 10M bytes, formatted
Transfer Rate: 64K byte/sec
Average Access Time: 23 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: IEEE 48
Price: \$2,895, with controller
Distribution Method: OEM
Number Installed to Date: Under
100

TRANTOR SYSTEMS LTD.

TRANTOR TSL-15
Disk Diameter: 5 1/4 in.
Compatibility: Osborne 1,
Executive, Apple II; Franklin Ace 100
Capacity: 15M bytes, formatted
Transfer Rate: 64K byte/sec
Average Access Time: 23 msec
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: IEEE 48
Price: \$3,395, with controller
Distribution Method: OEM
Number Installed to Date: Under
100
Date First Installed: 1982

UNITED PERIPHERALS, INC.

UP-1590
Disk Diameter: 14 in.

Winchester Disk Drives

Compatibility: HP 3000
Capacity: 600K bytes, formatted
Transfer Rate: 1,198K byte/sec
Average Access Time: 23 msec
Maximum Drives Per Controller: 4
Integral Controller: Yes
Distribution Method: End user
Date First Installed: June 1980
(See Vendor Profile Page V-38)

UNIIVATION, INC.
RAINBOW-COMPATIBLE 5¼-IN. HARD DISK
Disk Diameter: 5¼ in.
Compatibility: DEC Rainbow 100
Capacity: 11M bytes, unformatted
Transfer Rate: 675K byte/sec
Average Access Time: 155 msec
Mean Time Between Failure: 8,000 hours
Integral Controller: Yes
Distribution Method: OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: June 1983
(See Vendor Profile Page V-38)

VR DATA CORP.
HARD DISK 3 (SINGLE 10 MB)
Disk Diameter: 5¼ in.
Compatibility: IBM Personal Computer; Tandy TRS-80/II, TRS-80/III, LNW 2
Capacity: 10M bytes, formatted
Transfer Rate: 312K byte/sec
Average Access Time: 135 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,249, without controller; \$1,399, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: 1982
(See Vendor Profile Page V-39)

VR DATA CORP.
HARD DISK 3 (SINGLE 15MB)
Disk Diameter: 5¼ in.
Compatibility: IBM Personal Computer, Tandy TRS-80/II, TRS-80/III, LNW 2
Capacity: 15M bytes, formatted
Transfer Rate: 312K byte/sec
Average Access Time: 135 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$1,449, without controller; \$1,599, with controller
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: 1982

VR DATA CORP.
HARD DISK 3 (SINGLE 5MB)
Disk Diameter: 5¼ in.
Compatibility: IBM Personal Computer, Tandy TRS-80/III, TRS-80/II, LNW 2
Capacity: 5M bytes, formatted
Transfer Rate: 312K byte/sec
Average Access Time: 135 msec
Mean Time Between Failure: 11,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506
Price: \$995, without controller;

\$1,495, with controller
Distribution Method: OEM
Date First Installed: 1982

WANG LABORATORIES, INC.
8560
Disk Diameter: 14 in.
Compatibility: Wang OIS
Capacity: 10M bytes, unformatted
Price: \$9,000, without controller
Date First Installed: September 1975
(See Vendor Profile Page V-39)

WANG LABORATORIES, INC.
8560C
Disk Diameter: 8 in.
Compatibility: Wang OIS
Capacity: 10M bytes, unformatted
Price: \$9,000, without controller
Distribution Method: End user
Date First Installed: September 1975

XCOMP, INC.
PHD 5 X 5
Disk Diameter: 5¼ in.
Compatibility: IBM Personal Computer; XT; Apple II, III; Osborne; Kaypro
Capacity: 10M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: SMD; Seagate ST506; SMR, SMS, CDS, CDR
Price: \$2,195, without controller
Distribution Method: Third-party
Date First Installed: September 1980
(See Vendor Profile Page V-39)

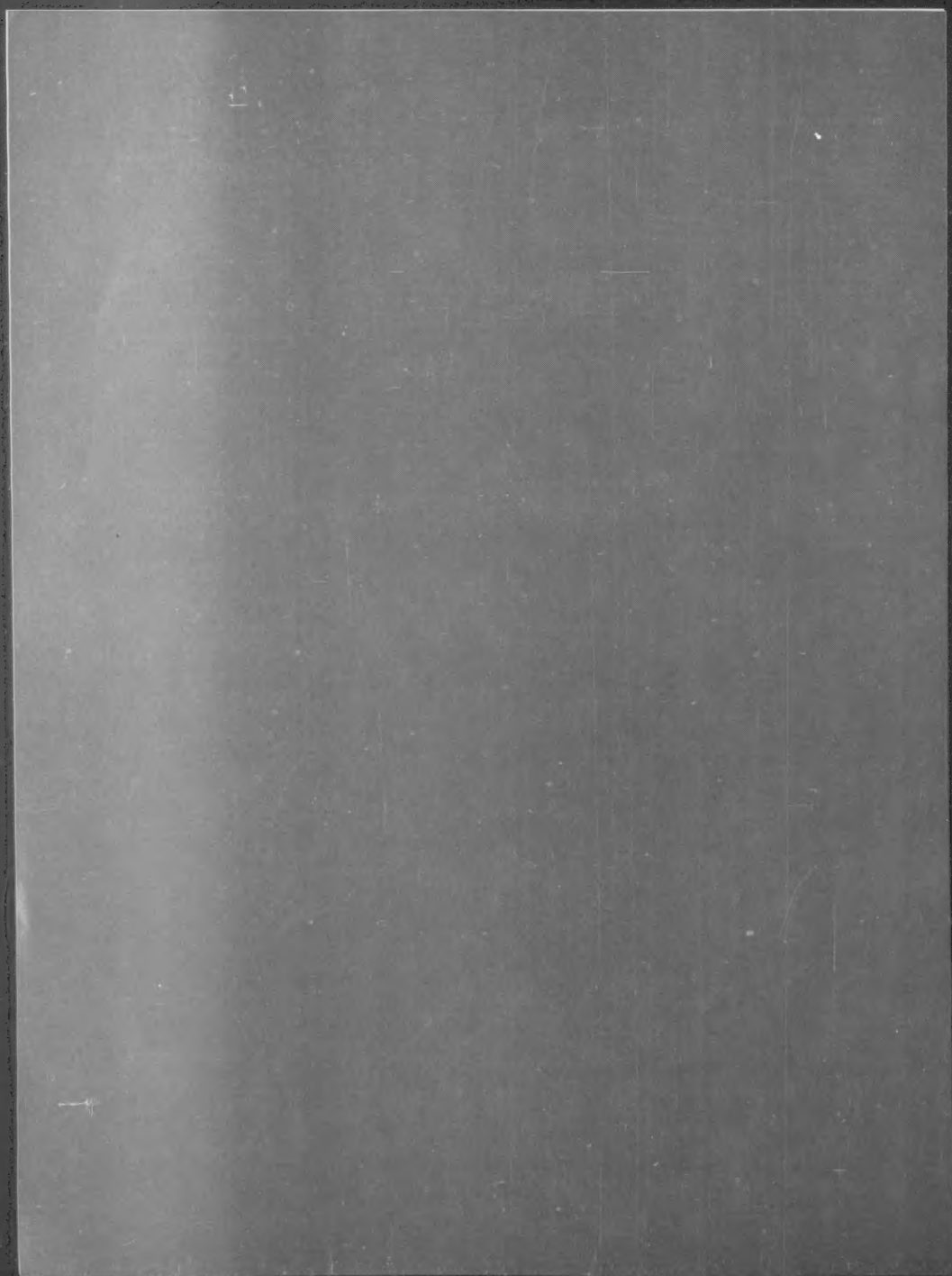
XCOMP, INC.
PHD 8 X 8
Disk Diameter: 5¼ in.
Compatibility: IBM Personal Computer; XT; Apple II, III; Osborne; Kaypro
Capacity: 16M bytes, unformatted
Transfer Rate: 625K byte/sec
Average Access Time: 120 msec
Mean Time Between Failure: 8,000 hours
Maximum Drives Per Controller: 1
Integral Controller: Yes
Interface: SMD; Seagate ST506; SMR, SMS, CDS, CDR
Price: \$2,395, without controller
Distribution Method: Third-party
Date First Installed: September 1980

XEBEC
XEBEC-9705
Disk Diameter: 5¼ in.
Compatibility: IBM Personal Computer; Apple II, Apple II+, Apple IIe
Capacity: 5M bytes, unformatted
Transfer Rate: 500K byte/sec
Average Access Time: 72 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Sasi
Price: \$1,650, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: January 1982
(See Vendor Profile Page V-39)

XEBEC
XEBEC 9710
Disk Diameter: 5¼ in.
Compatibility: IBM Personal Computer; Apple II, Apple IIe, Apple II+
Capacity: 10M bytes, unformatted
Transfer Rate: 600K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Sasi
Price: \$1,750, with controller
Distribution Method: OEM
Number Installed to Date: 1,000-5,000

XEBEC
XEBEC-9800
Disk Diameter: 5¼ in.
Compatibility: HP 3000, 80, 120, 250
Plug Compatibility: HP 9134
Capacity: 5M bytes, unformatted
Transfer Rate: 600K byte/sec
Average Access Time: 90 msec
Mean Time Between Failure: 6,000 hours
Maximum Drives Per Controller: 2
Integral Controller: Yes
Interface: Seagate ST506, IEEE 488
Price: \$2,000, with controller
Distribution Method: Third-party
Number Installed to Date: 1,000
Date First Installed: June 1981

TAPE DRIVES



Index to Tape Drives By Technology and Speed

The index to tape drives has been designed to provide an overview of the products listed in this section of the buyer's guide. The products have been indexed according to which tape technology — cartridge, cassette or reel-to-reel — the drive utilizes. Products in each category are sorted by tape speed from fastest to slowest. In addition to tape speed, the index provides information on recording density, price and the page number in the section the full product listing is located.

The product listings for the tape drive section are broken down according to tape technology and, within each category, have been sorted by tape speed range. For cartridge and reel-to-reel tape drives the ranges are: those drives which have speeds over 100 in./sec, 51- to 100 in./sec and those drives with speeds under 50 in./sec. Cassette tape drive ranges start with drives which have tape speeds of over 46 in./sec, followed by the 26- to 45 in./sec and under 25 in./sec ranges. Within each range the products can be found in alphabetical order by vendor name.

Cartridge Tape Drives

VENDOR	MODEL	TAPE SPEED	RECORDING DENSITY	PRICE	PAGE
MagaTape Corp.	MODEL 300	200 in./sec	9600 bit/in.	\$3,000	C-69
Qualdex Technology	MODEL 3211	125 in./sec	6250 bit/in.	\$43,950	C-69
Central Data Corp.	D4000	90 in./sec	N/A	\$3,700	C-69
Nestar Systems, Inc.	PLAN 4000	90 in./sec	8000 bit/in.	\$3,000	C-69
Northern Telecom, Inc.	FLASHBACK MTC-6100	90 in./sec	10000 bit/in.	\$1,600	C-69
Qantex	410	90 in./sec	8500 bit/in.	\$1,625	C-69
Raymond Engineering, Inc.	SERIES 6449 RAYCORDER	90 in./sec	1600 bit/in.	\$995 to \$1,095	C-69
Tallgrass Technologies Corp.	TG14020	90 in./sec	8000 bit/in.	\$2,195	C-70
	TG14045	90 in./sec	8000 bit/in.	\$2,495	C-70
Tektronix, Inc.	4924	90 in./sec	1600 bit/in.	\$2,990	C-70
	4923	90 in./sec	1600 bit/in.	\$2,600	C-70
Cipher Data Products, Inc.	525-CT FLOPPYTAPE	78 in./sec	6400 bit/in.	\$300	C-69
Qualdex Technology	MODEL 3271	75 in./sec	6250 bit/in.	\$42,950	C-69
Data General Corp.	15MB TAPE SUBSYSTEM	60 in./sec	6400 bit/in.	N/A	C-69
	6231/6230	60 in./sec	6400 bit/in.	\$5,500	C-69
3M Co.	HCD-75	60 in./sec	6400 bit/in.	\$874	C-70
Computer Peripherals, Inc.	SENTINEL 92190	55 in./sec	8000 bit/in.	\$1,500	C-69
	SENTINEL 92191	55 in./sec	8000 bit/in.	\$1,500	C-69
Control Data Corp.	92190 1/4-in. TAPE DRIVE	55 in./sec	8000 bit/in.	\$1,020	C-69
	92195 1/4-in. TAPE DRIVE	55 in./sec	8000 bit/in.	\$1,275	C-69
Analog & Digital Peripherals	FEEDBACK 350/351	45 in./sec	1600 bit/in.	\$2,550	C-70
Qantel Corp.	5231	45 in./sec	6400 bit/in.	\$5,600	C-72
Kennedy Co.	6470	38 in./sec	6400 bit/in.	\$2,000	C-72
Algo, Inc.	12001	30 in./sec	1600 bit/in.	\$2,200	C-70
	12005	30 in./sec	1600 bit/in.	\$2,200	C-70
Analog & Digital Peripherals	1100	30 in./sec	800 bit/in.	\$175	C-70
	DC1/DC2 DATA TAPE SYS.	30 in./sec	800 bit/in.	\$795	C-70
	DC 300	30 in./sec	1600 bit/in.	\$1,150	C-70
	MINI DATA DRIVE DC100	30 in./sec	800 bit/in.	\$270	C-70
Data Electronics, Inc.	FUNNEL	30 in./sec	6400 bit/in.	\$1,952	C-70
	MICROTAPE-SLI	30 in./sec	6400 bit/in.	\$800	C-70
	MICROTAPE-SLV	30 in./sec	6400 bit/in.	\$800	C-70
	STREAMER	30 in./sec	10000 bit/in.	\$1,421	C-70
Digi-Data Corp.	MODEL 70M	30 in./sec	6400 bit/in.	\$2,290	C-70
	MODEL 70Q	30 in./sec	6400 bit/in.	\$2,790	C-70
	MODEL 70R	30 in./sec	6400 bit/in.	\$2,290	C-70
	MODEL 70S	30 in./sec	6400 bit/in.	\$1,990	C-72
	SERIES 6400	30 in./sec	6400 bit/in.	\$1,190	C-72
Digital Equipment Corp.	TU58	30 in./sec	800 bit/in.	\$995	C-72
Electronic Processors, Inc.	EPI STR-STREAM	30 in./sec	6400 bit/in.	\$1,452	C-72
Megalogic Corp.	QIM-1/MN	30 in./sec	N/A	N/A	C-72

Tape Drive Index

VENDOR	MODEL	TAPE SPEED	RECORDING DENSITY	PRICE	PAGE
Megalogic Corp.	QIM-IMX	30 in./sec.	1600 bit/in.	\$3,200	C-72
Miltope Corp.	CR-300	30 in./sec.	1600 bit/in.	\$15,000	C-72
	CR-800	30 in./sec.	800 bit/in.	\$20,000	C-72
	MILITARIZED CR300 COMPACT	30 in./sec.	1600 bit/in.	\$10,000	C-72
Nestar Systems, Inc.	A-2401 CLUSTER/ONE MODEL A	30 in./sec.	8000 bit/in.	\$3,000	C-72
Prime Computer, Inc.	458X CARTRIDGE TAPE SLAVE	30 in./sec.	6400 bit/in.	\$4,500	C-72
	458X CARTRIDGE TAPE DRIVE	30 in./sec.	6400 bit/in.	\$7,000	C-72
Qanix	150	30 in./sec.	6400 bit/in.	\$1,950	C-72
	450	30 in./sec.	6400 bit/in.	\$1,252	C-72
	650	30 in./sec.	1600 bit/in.	\$1,268	C-72
	2200	30 in./sec.	6400 bit/in.	\$3,700	C-73
3M Co.	DCD-1	30 in./sec.	800 bit/in.	\$534	C-73
	DCD-2	30 in./sec.	1600 bit/in.	\$886	C-73
Miltope Corp.	CR-600 CARTRIDGE RECORDER	25 in./sec.	556 bit/in.	\$12,000	C-72
Electronic Processors, Inc.	EPI STR-LINK III	18 in./sec.	800 bit/in.	\$1,504	C-72
	EPI STR-610	18 in./sec.	800 bit/in.	\$419	C-72
Qanix	200	15 in./sec.	1600 bit/in.	N/A	C-72
	1000	15 in./sec.	1600 bit/in.	\$1,995	C-72
Analog & Digital Peripherals	FEEDBACK 340/344	N/A	1600 bit/in.	\$2,395	C-73
Archive Corp.	SCORPION	N/A	8000 bit/in.	\$800	C-73
	SIDEWINDER	N/A	8000 bit/in.	\$800	C-73
	SUPER SIDEWINDER	N/A	8000 bit/in.	\$800	C-73
Cipher Data Products, Inc.	420-CT QUARTERBACK	N/A	10000 bit/in.	\$800	C-73
	540-CT	N/A	10000 bit/in.	\$800	C-73

Cassette Tape Drives

VENDOR	MODEL	TAPE SPEED	RECORDING DENSITY	PRICE	PAGE
Tandberg Data Storage, Inc.	QIC-STAR MARK II 3309	90 in./sec.	8000 bit/in.	\$1,325	C-74
	QIC-STAR MARK II MODEL 3324	90 in./sec.	8000 bit/in.	\$1,500	C-74
	QIC-STAR MINI MARK 3314	90 in./sec.	N/A	\$1,500	C-74
	QIC-STAR MINI MARK 3319	90 in./sec.	N/A	\$1,575	C-74
	QIC-STAR 3304,3324,3204	90 in./sec.	8000 bit/in.	\$1,250	C-74
	QIC-STAR MINI MARK 3314	90 in./sec.	N/A	\$1,500	C-74
	QIC-STAR MARK II 3324, 3329	90 in./sec.	8000 bit/in.	\$1,500	C-74
	QIC-STAR MARK II 3329	90 in./sec.	8000 bit/in.	\$1,575	C-74
Raymond Engineering, Inc.	SERIES 6440 RAYCORDER II	60 in./sec.	800 bit/in.	\$575 to \$655	C-74
Analog & Digital Peripherals	ADPI BYTE BUCKET SYSTEM	45 in./sec.	800 bit/in.	\$1,095	C-74
	NCR-COMPAT. DIGITAL SYSTEM	45 in./sec.	800 bit/in.	\$1,045	C-74
Altos Computer Systems	ALTOS MTU-2	30 in./sec.	6400 bit/in.	\$2,995	C-74
	ALTOS MTU-3	30 in./sec.	6400 bit/in.	\$2,995	C-74
	ALTOS MTU-4	30 in./sec.	6400 bit/in.	\$2,995	C-74
Kennedy Co.	6455	30 in./sec.	6400 bit/in.	\$1,000	C-74
Raymond Engineering, Inc.	WR-100	30 in./sec.	6400 bit/in.	\$1,175	C-74
	WR-1000	30 in./sec.	10000	\$1,500	C-74
Saylor Electronics International	4200-201 DIGITAL DRIVE	30 in./sec.	1600 bit/in.	\$875	C-74
	4200-204 DIGITAL DRIVE	30 in./sec.	3200 bit/in.	\$1,050	C-74
	4240 DIGITAL CASSETTE DRIVE	30 in./sec.	3200	\$1,475	C-74
3M Co.	DCD-3	30 in./sec.	1600 bit/in.	\$886	C-75
Dicom Industries	374-03	20 in./sec.	500 bit/in.	\$5,000	C-75
Memodyne Corp.	M-80	20 in./sec.	800 bit/in.	\$1,845	C-75
Technan Industries, Inc.	MODEL 816A	20 in./sec.	800 bit/in.	\$1,045	C-75
	MODEL 817A	20 in./sec.	800 bit/in.	\$1,260	C-76
	MODEL 818A	20 in./sec.	800 bit/in.	\$1,610	C-76
	MODEL 822A	20 in./sec.	800 bit/in.	\$2,445	C-76
	MODEL 9600PRC	20 in./sec.	800 bit/in.	\$1,775	C-76
	MODEL 816	20 in./sec.	800 bit/in.	\$1,045	C-76
	MODEL 817	20 in./sec.	800 bit/in.	\$1,260	C-76
	MODEL 818	20 in./sec.	800 bit/in.	\$1,610	C-76
	MODEL 822	20 in./sec.	800 bit/in.	N/A	C-76
Analog & Digital Peripherals	ADPI LG-1/LG-2	18 in./sec.	800 bit/in.	\$431	C-75
	LG-P PORTABLE MINI-CASSETTE	18 in./sec.	800 bit/in.	\$695	C-75
	PHILIPS MINI CASSETTE DRIVE	N/A		\$174	C-75
TEAC Corp. of America	MT-223/224	15 in./sec.	1600 bit/in.	\$300 to \$500	C-75
	TEAC MT-MEMORY SYSTEM	15 in./sec.	800 bit/in.	\$300 to \$500	C-75
Midwestern Instruments, Inc.	DIGITAL TAPE CASSETTE DRIVE	12 in./sec.	800 bit/in.	\$950 to \$1,020	C-75
Braemar Computer Devices	CD-200 TAPE TRANSPORT	10 in./sec.	800 bit/in.	\$360	C-75
	CM-800A MINI TRANSPORT	10 in./sec.	800 bit/in.	\$155	C-75
	CM-600C MINI TRANSPORT	10 in./sec.	800 bit/in.	\$200	C-75

Tape Drive Index

VENDOR	MODEL	TAPE SPEED	RECORDING DENSITY	PRICE	PAGE
Braemar Computer Devices	CS-400 TRANSPORT SYSTEM	10 in./sec.	800 bit/in.	\$525	C-75
	CTL-1000 TAPE LOADER	10 in./sec.	800 bit/in.	\$1,140	C-75
	LTD-800 LOGGER	10 in./sec.	800 bit/in.	\$325	C-75
	MTL-II MINI MEMORY SYSTEM	10 in./sec.	800 bit/in.	\$495	C-75
William Palmer Industries Electronic Processors, Inc.	DCR/10 DIGITAL RECORDER	10 in./sec.	800 bit/in.	\$2,400	C-76
	EPI STR-LINK IIA	4 in./sec.	264 bit/in.	\$1,887	C-75
	EPI STR-410T	4 in./sec.	264 bit/in.	\$2,305	C-75
Memodyne Corp.	333C	3 in./sec.	160 bit/in.	\$990	C-75
Raymond Engineering, Inc.	MINI-RAYCORDER MODEL 6409	3 in./sec.	800 bit/in.	\$455 to \$545	C-75
Digital Laboratories, Inc.	ACT-1200	2 in./sec.	400 bit/in.	\$1,000	C-75
Memodyne Corp.	200 SERIES	1 in./sec.	615 bit/in.	\$395	C-75
Analog & Digital Peripherals	ADPI DISKLINE MPU SYSTEM	N/A	800 bit/in.	\$798	C-75
Tandy Corp.	CCR-81	N/A	N/A	N/A	C-76

Reel-to-Reel Tape Drives

VENDOR	MODEL	TAPE SPEED	RECORDING DENSITY	PRICE	PAGE
Cipher Data Products, Inc.	M890/M891 CACHETAPE	240 in./sec.	1600 bit/in.	\$2,820	C-77
	SERIES 330A	200 in./sec.	800 bit/in.	\$23,000	C-77
	SERIES 330B	200 in./sec.	800 bit/in.	\$23,000	C-77
	SERIES 336	200 in./sec.	1600 bit/in.	\$26,000	C-77
Computer Peripherals, Inc.	ATS-1	200 in./sec.	800 bit/in.	\$26,000	C-77
	677-4	200 in./sec.	800 bit/in.	\$26,830	C-77
	679-4	200 in./sec.	800 bit/in.	\$27,375	C-77
	679-7	200 in./sec.	1600 bit/in.	\$33,510	C-77
IBM	3420 MODEL 7	200 in./sec.	200 bit/in.	N/A	C-78
	3420 MODEL 8	200 in./sec.	1600 bit/in.	\$24,840	C-78
	3470	200 in./sec.	200 bit/in.	\$28,000	C-78
	3670	200 in./sec.	1600 bit/in.	\$30,000	C-78
Interscience Systems	M420	200 in./sec.	1600 bit/in.	N/A	C-78
	3227	200 in./sec.	800 bit/in.	\$26,000	C-78
	3228	200 in./sec.	1600 bit/in.	\$33,000	C-78
	77	200 in./sec.	800 bit/in.	\$24,000	C-79
National Advanced Systems	7420-88	200 in./sec.	1600 bit/in.	\$25,000	C-79
	6370-801	200 in./sec.	1600 bit/in.	\$28,165	C-79
	AT3427	200 in./sec.	800 bit/in.	\$3,000 to \$4,000	C-79
	3470	200 in./sec.	200 bit/in.	\$25,470	C-80
Storage Technology Corp.	3670	200 in./sec.	1600 bit/in.	\$26,312	C-80
	4670	200 in./sec.	1600 bit/in.	\$46,800	C-80
	4674	200 in./sec.	1600 bit/in.	\$20,850	C-80
	677-3	150 in./sec.	556 bit/in.	\$23,545	C-77
Control Data Corp.	679-3	150 in./sec.	800 bit/in.	\$24,090	C-77
	679-6	150 in./sec.	1600 bit/in.	\$31,540	C-77
	AT 1082	150 in./sec.	800 bit/in.	\$25,000	C-79
	SC 1081	150 in./sec.	800 bit/in.	\$25,000	C-79
Rosscomp Corp.	D-160 FAMILY	130 in./sec.	8000 bit/in.	\$1,700	C-78
	SERIES 34	125 in./sec.	1600 bit/in.	N/A	C-77
	SERIES 334	125 in./sec.	1600 bit/in.	\$24,000	C-77
	B9495-33	125 in./sec.	1600 bit/in.	N/A	C-77
Burroughs Corp.	B9495-83	125 in./sec.	800 bit/in.	N/A	C-77
	SERIES 900 VACUUM COLUMN	125 in./sec.	800 bit/in.	\$4,067	C-77
	TU77	125 in./sec.	800 bit/in.	\$36,800	C-77
	TU78	125 in./sec.	1600 bit/in.	\$48,000	C-77
Fujitsu America, Inc.	M2432R	125 in./sec.	800 bit/in.	\$24,150	C-77
	6730	125 in./sec.	800 bit/in.	\$52,000	C-77
	MT-153	125 in./sec.	800 bit/in.	N/A	C-77
	MT-154	125 in./sec.	800 bit/in.	N/A	C-78
Hitachi America, Ltd.	MT-155	125 in./sec.	1600 bit/in.	N/A	C-78
	MT-156	125 in./sec.	1600 bit/in.	N/A	C-78
	MTS/MTA 9626	125 in./sec.	1600 bit/in.	\$24,190 to \$44,000	C-78
	3420 MODEL 5	125 in./sec.	200 bit/in.	\$19,990	C-78
IBM	3420 MODEL 6	125 in./sec.	1600 bit/in.	\$22,890	C-78
	3450	125 in./sec.	200 bit/in.	\$24,000	C-78
	3650	125 in./sec.	1600 bit/in.	\$28,000	C-78
	9300	125 in./sec.	N/A	\$6,800	C-78
Kennedy Co.	3226	125 in./sec.	1600 bit/in.	\$30,000	C-78
	3261	125 in./sec.	1600 bit/in.	\$57,450	C-78
	3262	125 in./sec.	1600 bit/in.	\$89,200	C-78
	3265	125 in./sec.	800 bit/in.	\$24,100	C-78

Tape Drive Index

VENDOR	MODEL	TAPE SPEED	RECORDING DENSITY	PRICE	PAGE
Memorex Corp.	3266	125 in./sec.	1600 bit/in.	\$24,100	C-79
Mesa Technology Corp.	4000	125 in./sec.	800 bit/in.	\$33,950	C-79
	4001	125 in./sec.	800 bit/in.	\$10,340	C-79
	4010	125 in./sec.	800 bit/in.	N/A	C-79
	4011	125 in./sec.	800 bit/in.	\$10,340	C-79
Miltope Corp.	AT-1161	125 in./sec.	800 bit/in.	\$35,000	C-79
	AT-1161 AUTOMATIC TREADING	125 in./sec.	200 bit/in.	\$25,000	C-79
National Advanced Systems	7420-66	125 in./sec.	1600 bit/in.	\$17,000	C-79
NCR Corp.	6370-601	125 in./sec.	1600 bit/in.	\$25,160	C-79
Pertec Computer Corp.	T1000	125 in./sec.	800 bit/in.	\$11,090	C-79
Sperry Corp.	UNISERVO 24	125 in./sec.	800 bit/in.	\$54,720	C-79
	UNISERVO 28	125 in./sec.	1600 bit/in.	\$24,750	C-79
	UNISERVO 36	125 in./sec.	1600 bit/in.	\$29,500	C-79
Storage Technology Corp.	1950 SERIES	125 in./sec.	800 bit/in.	N/A	C-80
	1960 SERIES	125 in./sec.	800 bit/in.	N/A	C-80
	3450	125 in./sec.	200 bit/in.	\$23,110	C-80
	3650	125 in./sec.	1600 bit/in.	\$23,920	C-80
	4550	125 in./sec.	800 bit/in.	\$56,200	C-80
System Industries, Inc.	9700-53 TAPE SYSTEM	125 in./sec.	800 bit/in.	N/A	C-80
Telex Computer Products	6200 SERIES	125 in./sec.	800 bit/in.	\$10,000 to \$12,000	C-80
	SERIES 80	125 in./sec.	800 bit/in.	\$17,325	C-80
	TELEX-6253-66	125 in./sec.	800 bit/in.	\$14,835	C-80
Renaissance Marketing, Inc.	SC2406	113 in./sec.	800 bit/in.	\$1,200	C-79
Control Data Corp.	677-2	100 in./sec.	556 bit/in.	\$19,165	C-77
	679-2	100 in./sec.	800 bit/in.	\$19,710	C-77
	679-5	100 in./sec.	1600 bit/in.	\$27,925	C-77
Cromemco, Inc.	TDS	100 in./sec.	1600 bit/in.	\$7,995	C-80
Harris Corp.	6330	100 in./sec.	1600 bit/in.	\$9,800	C-80
Information Development	4610-5	100 in./sec.	1600 bit/in.	\$8,875	C-81
Mesa Technology Corp.	1012	100 in./sec.	1600 bit/in.	\$6,445	C-82
	4002	100 in./sec.	1600 bit/in.	\$6,445	C-82
Pertec Computer Corp.	FS1000	100 in./sec.	1600 bit/in.	N/A	C-82
Gantel Corp.	5241	100 in./sec.	1600 bit/in.	\$20,450	C-82
Memisc	420	90 in./sec.	10000	N/A	C-81
	440	90 in./sec.	N/A	N/A	C-82
	451 & 453	90 in./sec.	10000 bit/in.	\$300	C-82
	510	90 in./sec.	6400 bit/in.	\$350	C-82
	520	90 in./sec.	10000 bit/in.	\$400	C-82
National Advanced Systems	7420-44	80 in./sec.	1600 bit/in.	\$15,000	C-82
Amperif	SERIES 32	75 in./sec.	1600 bit/in.	N/A	C-80
	SERIES 332	75 in./sec.	1600 bit/in.	\$21,000	C-80
Ardent Computer Products	ARDENT 1000	75 in./sec.	800 bit/in.	\$1,800	C-80
Burroughs Corp.	B9495-32	75 in./sec.	1600 bit/in.	N/A	C-80
Cipher Data Products, Inc.	MOD 11 VACUUM COLUMN	75 in./sec.	800 bit/in.	\$4,490	C-80
Data General Corp.	4307	75 in./sec.	1600 bit/in.	\$48,500	C-81
	6026	75 in./sec.	800 bit/in.	\$16,000	C-81
Digi-Data Corp.	1840 MAGNETIC TAPE SYSTEMS	75 in./sec.	800 bit/in.	\$5,175 to \$6,375	C-81
Gaw Control Corp.	TDX/75 ISP DRIVE	75 in./sec.	800 bit/in.	\$7,500	C-81
Harris Corp.	6696	75 in./sec.	1600 bit/in.	\$24,600	C-81
	6720	75 in./sec.	1600 bit/in.	\$39,900	C-81
Hewlett-Packard Co.	HP 7976A	75 in./sec.	N/A	\$44,440	C-81
Honeywell, Inc.	MTU 9509/9610/9614/9615	75 in./sec.	800 bit/in.	\$11,500 to \$17,960	C-81
IBM	3420 MODEL 3	75 in./sec.	200 bit/in.	\$14,910	C-81
	3420 MODEL 4	75 in./sec.	200 bit/in.	\$19,170	C-81
	4969 (7D)	75 in./sec.	800 bit/in.	\$16,960	C-81
	4969 (7N)	75 in./sec.	800 bit/in.	\$15,640	C-81
	4969 (7P)	75 in./sec.	1600 bit/in.	\$16,170	C-81
Interscience Systems	3630	75 in./sec.	1600 bit/in.	\$25,000	C-81
Kennedy Co.	9100	75 in./sec.	200 bit/in.	\$5,850	C-81
	9400	75 in./sec.	800 bit/in.	\$12,000	C-81
Miltope Corp.	SC1161 TAPE TRANSPORT	75 in./sec.	200 bit/in.	\$40,000	C-82
NCR Corp.	6370-0401	75 in./sec.	1600 bit/in.	\$21,935	C-82
Nixdorf Computer Corp.	8410-04	75 in./sec.	800 bit/in.	\$12,595	C-82
	8420-02	75 in./sec.	6250 bit/in.	\$16,750	C-82
Pertec Computer Corp.	T9000	75 in./sec.	800 bit/in.	\$6,335	C-82
Prime Computer, Inc.	4522 TAPE SUBSYSTEM	75 in./sec.	1600 bit/in.	\$18,500	C-82
	4529 MAGNETIC TAPE SLAVE	75 in./sec.	800 bit/in.	\$14,000	C-82
	4550 MAG TAPE SUBSYSTEM	75 in./sec.	1600 bit/in.	\$48,500	C-82
	4551 MAGNETIC TAPE SLAVE	75 in./sec.	1600 bit/in.	\$23,000	C-82
Sperry Corp.	UNISERVO 22	75 in./sec.	800 bit/in.	\$47,000	C-82
	UNISERVO 26	75 in./sec.	1600 bit/in.	\$22,000	C-82
Storage Technology Corp.	1920	75 in./sec.	800 bit/in.	N/A	C-82
	3430	75 in./sec.	200 bit/in.	\$18,140	C-82
	3630	75 in./sec.	1600 bit/in.	\$20,756	C-83
Telex Computer Products	TELEX-6253-44	75 in./sec.	800 bit/in.	\$14,635	C-83
IBM	3410-3	50 in./sec.	200 bit/in.	N/A	C-84
	3411-3	50 in./sec.	200 bit/in.	\$11,910	C-84

Tape Drive Index

VENDOR	MODEL	TAPE SPEED	RECORDING DENSITY	PRICE	PAGE
Prime Computer, Inc.	STREAMING ADD-ON 4661-2250	50 in./sec.	1600 bit/in.	\$6,500	C-87
	STREAMING SYSTEM 4660-2250	50 in./sec.	1600 bit/in.	\$11,000	C-87
Storage Technology Corp.	2920 TAPE SUBSYSTEM	50 in./sec.	1600 bit/in.	N/A	C-87
Telex Computer Products	TELEX-6253-33	50 in./sec.	800 bit/in.	\$14,635	C-87
Cipher Data Products, Inc.	MOD 8/MOD 10	45 in./sec.	800 bit/in.	\$2,626	C-83
	SERIES 100X COMPLIANCE ARM	45 in./sec.	800 bit/in.	\$3,301	C-83
Computer Peripherals, Inc.	SPIRIT 9214X	45 in./sec.	800 bit/in.	\$6,000	C-83
Control Data Corp.	MODEL 92144	45 in./sec.	800 bit/in.	\$5,000	C-83
Digi-Data Corp.	SERIES 1740	45 in./sec.	800 bit/in.	\$4,175 to \$5,275	C-84
Gaw Control Corp.	TDX 1000	45 in./sec.	800 bit/in.	\$6,500	C-84
Harris Corp.	6646	45 in./sec.	800 bit/in.	\$13,700	C-84
	6656	45 in./sec.	800 bit/in.	\$20,100	C-84
Hewlett-Packard Co.	H-P 7970B	45 in./sec.	800 bit/in.	\$8,410 to \$13,440	C-84
	H-P 7970E	45 in./sec.	1600 bit/in.	\$10,160 to \$15,270	C-84
IBM	4969 (4D)	45 in./sec.	800 bit/in.	\$13,020	C-84
	4969 (4N)	45 in./sec.	800 bit/in.	\$11,720	C-85
	4969 (4P)	45 in./sec.	1600 bit/in.	\$12,250	C-85
Information Development	4610-7	45 in./sec.	200 bit/in.	\$8,875	C-85
	4610-9	45 in./sec.	800 bit/in.	\$8,875	C-85
	4610-9-16	45 in./sec.	1600 bit/in.	\$11,625	C-85
	4610-9-816	45 in./sec.	800 bit/in.	\$12,125	C-85
Innovative Data Technology	TD-1054/IBM-PC	45 in./sec.	1600 bit/in.	\$8,500	C-85
	TD-1054/PC-STP	45 in./sec.	800 bit/in.	\$6,995	C-85
Kennedy Co.	9000	45 in./sec.	200 bit/in.	\$4,600	C-86
Microdata Corp.	2686-DUAL DENSITY TAPE DRIVE	45 in./sec.	800 bit/in.	\$2,000	C-86
NCR Corp.	6325-0101	45 in./sec.	800 bit/in.	\$16,900	C-86
Nixdorf Computer Corp.	418	45 in./sec.	800 bit/in.	\$13,330	C-86
	6330	45 in./sec.	800 bit/in.	\$10,190	C-86
	8402	45 in./sec.	800 bit/in.	\$14,000	C-86
	8706	45 in./sec.	1600 bit/in.	\$16,120	C-86
	8708	45 in./sec.	800 bit/in.	\$13,330	C-87
Pertec Computer Corp.	T6000	45 in./sec.	800 bit/in.	\$5,380	C-87
	T8000	45 in./sec.	800 bit/in.	\$5,380	C-87
Prime Computer, Inc.	4520 TAPE SUBSYSTEM	45 in./sec.	800 bit/in.	\$18,000	C-87
	4527 MAGNETIC TAPE SLAVE	45 in./sec.	800 bit/in.	\$13,500	C-87
Qantel Corp.	5215	45 in./sec.	1600 bit/in.	\$12,450	C-87
Texas Instruments, Inc.	MT 1600 TAPE TRANSPORT	45 in./sec.	1600 bit/in.	\$11,195	C-87
Memtec	250 B	40 in./sec.	200 bit/in.	\$300	C-86
	250 BH	40 in./sec.	200 bit/in.	\$900	C-86
Astronautics Corp.	MTU P/N-202621	38 in./sec.	200 bit/in.	\$22,683	C-83
	MTU P/N-202622	38 in./sec.	556 bit/in.	\$22,683	C-83
	MTU P/N-202623	38 in./sec.	800 bit/in.	\$22,683	C-83
	MTU P/N-202624	38 in./sec.	1600 bit/in.	\$33,317	C-83
Kennedy Co.	9832	38 in./sec.	200 bit/in.	N/A	C-85
Data General Corp.	6123/6125 TAPE SUBSYSTEM	30 in./sec.	1600 bit/in.	N/A	C-83
	6125	30 in./sec.	1600 bit/in.	\$6,800	C-83
Digital Equipment Corp.	TU58	30 in./sec.	800 bit/in.	\$995	C-84
	TU80	30 in./sec.	1600 bit/in.	\$9,900	C-84
	TSV05	30 in./sec.	1600 bit/in.	\$8,900	C-84
U.S. Design Corp.	DEI	30 in./sec.	6400 bit/in.	\$2,000	C-87
A&B Dick Co.	CIPHER STREAMING TAPE	25 in./sec.	1600 bit/in.	\$6,500	C-83
Burroughs Corp.	B9498	25 in./sec.	1600 bit/in.	N/A	C-83
Computer Peripherals, Inc.	KEYSTONE 92181	25 in./sec.	1600 bit/in.	\$4,000	C-83
	KEYSTONE 92185	25 in./sec.	6250 bit/in.	\$8,500	C-83
	KEYSTONE 92192	25 in./sec.	1600 bit/in.	\$1,500	C-83
Control Data Corp.	KEYSTONE 92181	25 in./sec.	1600 bit/in.	\$4,000	C-83
	KEYSTONE 92185	25 in./sec.	1600 bit/in.	\$8,500	C-83
Datamagnetics, Inc.	MODEL 1600	25 in./sec.	800 bit/in.	\$15,000	C-84
Datapoint Corp.	9584	25 in./sec.	1600 bit/in.	\$12,500	C-84
Digi-Data Corp.	1640 MAGNETIC TAPE SYSTEMS	25 in./sec.	800 bit/in.	\$3,600 to \$4,800	C-84
	SERIES 1140	25 in./sec.	800 bit/in.	\$3,350 to \$4,550	C-84
	SERIES 2000 STREAMER	25 in./sec.	3200 bit/in.	\$3,290 to \$3,890	C-84
Hitachi America, Ltd.	MT-250	25 in./sec.	1600 bit/in.	N/A	C-84
IBM	3410-2	25 in./sec.	200 bit/in.	\$4,365	C-84
	3441-2	25 in./sec.	200 bit/in.	\$9,910	C-84
Information Development	4607-7	25 in./sec.	200 bit/in.	\$8,575	C-85
	4607-9	25 in./sec.	800 bit/in.	\$8,575	C-85
	4607-9-16	25 in./sec.	1600 bit/in.	\$11,325	C-85
	4607-9-816	25 in./sec.	800 bit/in.	\$11,825	C-85
	4608-7	25 in./sec.	200 bit/in.	\$8,575	C-85
	4608-9	25 in./sec.	800 bit/in.	\$8,575	C-85
	4608-9-16	25 in./sec.	1600 bit/in.	\$11,325	C-85
	4608-9-816	25 in./sec.	800 bit/in.	\$11,825	C-85
Kennedy Co.	9700	25 in./sec.	200 bit/in.	\$3,650	C-86
	9800	25 in./sec.	200 bit/in.	\$3,750	C-86
Miltron Systems Corp.	STD 1600	25 in./sec.	800 bit/in.	\$11,750	C-87
Nixdorf Computer Corp.	6332	25 in./sec.	1600 bit/in.	\$12,700	C-87

Tape Drive Index

VENDOR	MODEL	TAPE SPEED	RECORDING DENSITY	PRICE	PAGE
Nixdorf Computer Corp.	8401	25 in./sec.	1600 bit/in.	\$14,000	C-86
Northern Telecom	COOK ELECTRIC TAPE DRIVE	25 in./sec.	800 bit/in.	\$6,200 to \$7,500	C-87
	COOK ELECTRIC DRIVE 2216	25 in./sec.	1600 bit/in.	\$7,000	C-87
Pertec Computer Corp.	T7000	25 in./sec.	800 bit/in.	\$3,800	C-87
Stratus Computer	T101	25 in./sec.	1600 bit/in.	\$9,500	C-87
Memodyne Corp.	765-BEP	20 in./sec.	800 bit/in.	\$1,275	C-86
Nixdorf Computer Corp.	8409	20 in./sec.	1600 bit/in.	\$8,765	C-86
Computer Peripherals, Inc.	KEYSTONE 92180	13 in./sec.	1600 bit/in.	\$3,850	C-83
Fujitsu America, Inc.	M2442A	13 in./sec.	6250 bit/in.	\$9,000	C-84
IBM	3410-1	13 in./sec.	200 bit/in.	\$3,365	C-84
	3411-1	13 in./sec.	200 bit/in.	\$7,910	C-84
	8809-2	13 in./sec.	1600 bit/in.	\$10,610	C-85
	8809-3	13 in./sec.	1600 bit/in.	\$11,960	C-85
	8809-1A	13 in./sec.	1600 bit/in.	\$11,960	C-85
	8809-1B	13 in./sec.	1600 bit/in.	\$14,640	C-85
Kennedy Co.	6809	13 in./sec.	1600 bit/in.	\$3,850	C-86
Innovative Data Technology	TD-1012/IBM-PC	12 in./sec.	1600 bit/in.	\$6,495	C-85
	TD-1012/PC-STR.	12 in./sec.	1600 bit/in.	\$4,995	C-85
Burroughs Corp.	B9495-82	N/A	800 bit/in.	N/A	C-88
Cipher Data Products, Inc.	F880 MICROSTREAMER	N/A	1600 bit/in.	\$2,325	C-88
Kennedy Co.	1600	N/A	200 bit/in.	\$6,000	C-88
	1610	N/A	200 bit/in.	\$6,000	C-88

**Tape Speeds
Over 100 in./Sec****MAGATAPE CORP.**

MODEL 300
Plug Compatibility: Cipher, Pertec
Tape Speed: 200 in./sec
Recording Density: 9,600 bit/in.
Data Tracks: 24 tracks
Capacity: 330M bytes, unblocked
Transfer Rate: 240K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$3,000
Distribution Method: OEM
Number Installed to Date: 40
Date First Installed: October 1982
(See Vendor Profile Page V-22)

QUALEX TECHNOLOGY

MODEL 3211
Compatibility: HP 1000, 3000
Tape Speed: 125 in./sec
Recording Density: 6,250 bit/in.
Capacity: 100M bytes, blocked;
150M bytes, unblocked
Transfer Rate: 781K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$43,950
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: June 1980
(See Vendor Profile Page V-30)

**51- to 100 in./Sec
Tape Speeds****CENTRAL DATA CORP.**

DA000
Plug Compatibility: Cipher/Arc
Tape Speed: 90 in./sec
Data Tracks: 4
Capacity: 20M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$3,700
Distribution Method: Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-6)

CIPHER DATA PRODUCTS,

INC.
525-CT FLOPPYTAPE
Tape Speed: 78 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 6
Capacity: 28M bytes, blocked; 32M
bytes, unblocked
Transfer Rate: 500K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$300
Distribution Method: OEM
Date First Installed: October 1983
(See Vendor Profile Page V-6)

COMPUTER PERIPHERALS,

INC.
SENTINEL 92190
Tape Speed: 55 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 11 tracks
Capacity: 48M bytes, blocked
Transfer Rate: 55K bit/sec
Media Width: 1/4 in.

Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$1,500
Date First Installed: March 1982
(See Vendor Profile Page V-8)

COMPUTER PERIPHERALS,

INC.
SENTINEL 92191
Tape Speed: 55 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 11 tracks
Capacity: 27M bytes, blocked
Transfer Rate: 55K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$1,500
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: May 1983

CONTROL DATA CORP.

92195 1/4-IN. TAPE CARTRIDGE
DRIVE
Tape Speed: 55 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 11
Capacity: 487M bytes, blocked
Transfer Rate: 440K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,020
Number Installed to Date: 1,000
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

92195 1/4-IN. CARTRIDGE TAPE
DRIVE
Tape Speed: 55 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 11
Capacity: 45M bytes, blocked
Transfer Rate: 440K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,275
Distribution Method: OEM
Number Installed to Date: 200

DATA GENERAL CORP.

15MB CARTRIDGE TAPE
SUBSYSTEM
Tape Speed: 60 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 15M bytes, blocked; 17M
bytes, unblocked
Transfer Rate: 48K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Date First Installed: February 1982
(See Vendor Profile Page V-10)

DATA GENERAL CORP.

6231/6230
Compatibility: DG MP 20, 100,
6000, 8000, S/20, S/120, 2/2
Tape Speed: 60 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 15M bytes, blocked; 17M
bytes, unblocked
Transfer Rate: 48K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$5,500
Distribution Method: OEM, Third-party

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COMPUTERWORLD BUYER'S GUIDE

Date First Installed: January 1983

NESTAR SYSTEMS, INC.

PLAN 4000
Plug Compatibility: Cipher Archive
Tape Speed: 90 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 9
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$3,000
Number Installed to Date: 500-1,000
Date First Installed: 1981
(See Vendor Profile Page V-26)

NORTHERN TELECOM, INC.

FLASHBACK MTC-6100
Tape Speed: 90 in./sec
Recording Density: 8,000-10,000
bit/in.
Data Tracks: 9, 12 track
Capacity: 45M bytes, blocked
Transfer Rate: 90K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$1,600
Distribution Method: OEM
Date First Installed: June 1983
(See Vendor Profile Page V-26)

QANTEX DIVISION OF NORTH

ATLANTIC INDUSTRIES
410
Tape Speed: 90 in./sec
Recording Density: 8,500 bit/in.

Data Tracks: 9

Capacity: 45M bytes, unblocked
Transfer Rate: 720K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,525
Distribution Method: End user
Date First Installed: 1983
(See Vendor Profile Page V-30)

QUALEX TECHNOLOGY

MODEL 3271
Compatibility: HP 1000, 3000
Tape Speed: 75 in./sec
Recording Density: 6,250 bit/in.
Capacity: 100M bytes, blocked;
150M bytes, unblocked
Transfer Rate: 489K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$42,950
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: June 1980
(See Vendor Profile Page V-30)

RAYMOND ENGINEERING,

INC.
SERIES 6449 CARTRIDGE
RAYCORDER
Tape Speed: 90 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 4
Capacity: 2M bytes, blocked
Transfer Rate: 9K bit/sec
Media Width: 1/4 in.

Cartridge Tape Drives

51- to 100 in./sec • Under 50 in./sec

Drive Mechanism: Single motor
Streaming Capability: No
Price: \$995 to \$1,095
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: August 1981
(See Vendor Profile Page V-30)

TALLGRASS TECHNOLOGIES CORP.

TG/4020
Compatibility: IBM Personal Computer-XT
Plug Compatibility: Archive 9020B
Tape Speed: 90 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 4
Capacity: 20M bytes, blocked
Transfer Rate: 900K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$2,195
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: July 1983
(See Vendor Profile Page V-34)

TALLGRASS TECHNOLOGIES CORP.

TG/4045
Compatibility: IBM Personal Computer-XT
Plug Compatibility: Archive 9020B
Tape Speed: 90 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 9
Capacity: 45M bytes, blocked
Transfer Rate: 900K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Price: \$2,495
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: July 1983

TEKTRONIX, INC.

#323
Tape Speed: 90 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 2
Capacity: 300K bytes, blocked
Transfer Rate: 30K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$2,600
Distribution Method: End user
Number Installed to Date: 10,000
Date First Installed: January 1977
(See Vendor Profile Page V-36)

TEKTRONIX, INC.

#324
Tape Speed: 90 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 2
Capacity: 300K bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$2,990
Distribution Method: End user
Number Installed to Date: 5,000

3M CO.

HCD-75
Compatibility: DEC, Pertec
Tape Speed: 60 in./sec
Recording Density: 6,400 bit/in., 7,500 bit/in.

Data Tracks: 16 tracks
Capacity: 67M bytes, blocked; 144M bytes, unblocked
Transfer Rate: 35K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$874
Distribution Method: OEM
Date First Installed: 1981
(See Vendor Profile Page V-37)

Tape Speeds Under 50 in./Sec

ALGO, INC.

12001
Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 4
Capacity: 4M bytes, blocked
Transfer Rate: 20,000K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$2,200
Distribution Method: End user, Third-party
Number Installed to Date: 100-500
Date First Installed: December 1980
(See Vendor Profile Page V-1)

ALGO, INC.

12005
Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 4
Capacity: 4M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$2,200
Distribution Method: End user, OEM
Number Installed to Date: 500-1,000
Date First Installed: December 1980

ANALOG & DIGITAL PERIPHERALS

1100
Tape Speed: 30 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 1, 2
Capacity: 250K bytes, blocked
Transfer Rate: 48K bit/sec
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$175
Number Installed to Date: 500-1,000
Date First Installed: September 1982
(See Vendor Profile Page V-3)

ANALOG & DIGITAL PERIPHERALS

DC1/DC2 DATA CARTRIDGE TAPE 515
Tape Speed: 30 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 1, 2
Capacity: 632K bytes, unblocked
Transfer Rate: 48K bit/sec
Media Width: 1/4 in.
Streaming Capability: No
Price: \$795
Distribution Method: OEM, Third-party
Number Installed to Date: 100-500
Date First Installed: 1983

ANALOG & DIGITAL PERIPHERALS

DC 300
Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 4
Capacity: 4M bytes, unblocked
Transfer Rate: 48K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$1,150
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: 1981

ANALOG & DIGITAL PERIPHERALS

FEEDBACK 350/351
Tape Speed: 45 in./sec
Recording Density: 1,600 bit/in., 6,400 bit/in.
Data Tracks: 4
Capacity: 10M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$2,550
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: 1982

ANALOG & DIGITAL PERIPHERALS

MINI DATA CARTRIDGE DRIVE DC100
Tape Speed: 30 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Capacity: 500K bytes, blocked
Transfer Rate: 24K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$270
Distribution Method: End user, OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1981

DATA ELECTRONICS, INC.

FUNNEL
Plug Compatibility: Qantex; Digi-Data; Perex
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 15M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 24K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,952
Distribution Method: End user, OEM, Third-party
Date First Installed: 1978
(See Vendor Profile Page V-10)

DATA ELECTRONICS, INC.

MICROTAPE-SLV
Plug Compatibility: Qantex; Digi-Data; Perex
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in., 10,000 bit/in.
Data Tracks: 4
Capacity: 10M bytes, unblocked
Transfer Rate: 24K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$800
Distribution Method: End user, OEM, Third-party

Number Installed to Date: 500-1,000
Date First Installed: 1983

DATA ELECTRONICS, INC.

MICROTAPE-SLV
Plug Compatibility: Qantex; Digi-Data; Perex
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in., 10,000 bit/in.
Data Tracks: 4
Capacity: 15M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 24K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$800
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 500-1,000
Date First Installed: 1983

DATA ELECTRONICS, INC.

STREAMER
Plug Compatibility: Qantex; Digi-Data; Perex
Tape Speed: 30 in./sec
Recording Density: 10,000 bit/in.
Data Tracks: 4
Transfer Rate: 90K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,421
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: 1981

DIGI-DATA CORP.

MODEL 70M
Compatibility: Intel Multibus
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 15M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 50K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$2,290
Distribution Method: End user, OEM
Date First Installed: 1982
(See Vendor Profile Page V-12)

DIGI-DATA CORP.

MODEL 70Q
Plug Compatibility: DEC; TM11
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 16M bytes, blocked; 17M bytes, unblocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$2,790
Distribution Method: OEM

DIGI-DATA CORP.

MODEL 70R
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 15M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 19,200K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes



The latest word in computer peripherals...

...and the last word in disk backup.

The 525-CT FloppyTape is a new class of product

that provides the last word in Winchester disk drive backup with its many unique design features. Using the standard 1/4-inch tape cartridge, this innovative device combines low cost, high capacity, and disk-type data accessibility to provide disk backup features with new meanings:

Low Price 1. Sells for appreciably less than any other device with comparable features. **2.** Priced at \$300 per unit in large OEM quantities.

High Capacity Storage 1. Stores 32 unformatted megabytes of data on a standard 1/4-inch tape cartridge. **2.** Allows one tape cartridge to replace up to 40 double-sided, double-density floppy disks.

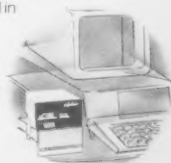
Floppy Disk Emulation 1. Configures a standard 1/4-inch tape cartridge with important floppy disk features such as random access to sectors and soft sector formatting. **2.** Allows in-place updating of information stored on the tape.

Immediate Integration 1. Attaches to standard floppy disk controllers. **2.** Provides plug compatibility with standard SA450 or SA850 interface connectors.

Space Saving Design 1. Packaged in the same compact form factor as the 5-1/4-inch floppy or Winchester disk drive. **2.** Designed with easy front panel loading and positive cartridge lock. **3.** Permits flat or side mounting.

So, let FloppyTape redefine your disk backup requirements. Next time you're in the market for the latest word in backup, just look it up...then hook it up.

For a Further Definition—Contact Cipher for a free 525-CT FloppyTape brochure, or for further information on other Cipher products.



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Telex: 203935

CIPHER DATA PRODUCTS GmbH
Munich, West Germany
Telephone: (089) 807001/02
Telex: 521-4094

Cartridge Tape Drives

Under 50 in./sec

Price: \$2,290
Distribution Method: End user, OEM

DIGI-DATA CORP. MODEL 705

Compatibility: Intel 8080/8085; Zilog Z80
Plug Compatibility: S-100 Bus
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 16M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 20K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,990
Distribution Method: End user, OEM

DIGI-DATA CORP. SERIES 6400

Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 17M bytes, unblocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,190
Distribution Method: OEM
Date First Installed: 1980

DIGITAL EQUIPMENT CORP. TU58

Tape Speed: 30 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 262K bytes, blocked
Transfer Rate: 3.7K bit/sec
Media Width: 15 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$995
Distribution Method: End user
Date First Installed: 1980
(See Vendor Profile Page V-00)

ELECTRONIC PROCESSORS, INC.

EPI STR-LINK III
Tape Speed: 18 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 305K bytes, blocked
Transfer Rate: 2K bit/sec
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$1,504
Distribution Method: OEM
Date First Installed: 1980
(See Vendor Profile Page V-14)

ELECTRONIC PROCESSORS, INC.

EPI STR-STREAM
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 17M bytes, unblocked
Transfer Rate: 24K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$1,452
Distribution Method: OEM
Date First Installed: September 1981

ELECTRONIC PROCESSORS, INC.

EPI STR-610
Tape Speed: 18 in./sec
Recording Density: 800 bit/in.

Data Tracks: 2
Capacity: 338K bytes, unblocked
Transfer Rate: 2K bit/sec
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$419
Distribution Method: OEM

KENNEDY CO. 6470

Compatibility: DEC, Intel Multibus, IBM
Tape Speed: 38 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 10
Capacity: 51M bytes, blocked; 54M bytes, unblocked
Transfer Rate: 240K bit/sec
Media Width: 1/4 in.
Streaming Capability: Yes
Price: \$2,000
Distribution Method: OEM
(See Vendor Profile Page V-21)

MEGALOGIC CORP. QIM-1MN

Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 2
Capacity: 3M bytes, blocked
Transfer Rate: 48K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$3,200
Distribution Method: End user
Date First Installed: January 1977

MEGALOGIC CORP. QIM-1MX

Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 4
Capacity: 3M bytes, blocked
Media Width: 1/4 in.
Streaming Capability: No
Price: \$3,200
Distribution Method: End user
Date First Installed: January 1977

MILTOPE CORP. CR-300

Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 4
Capacity: 4M bytes, unblocked
Transfer Rate: 48K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$15,000
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: September 1980
(See Vendor Profile Page V-24)

MILTOPE CORP. CR-400

Tape Speed: 30 in./sec
Recording Density: 800 bit/in.
Data Tracks: 9
Capacity: 10M bytes, unblocked
Transfer Rate: 24K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$20,000
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: September 1976

MILTOPE CORP. CR-800 CARTRIDGE RECORDER

Compatibility: IBM
Tape Speed: 25 in./sec
Recording Density: 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Capacity: 480K bytes, unblocked
Transfer Rate: 20K bit/sec

Media Width: 15 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$12,000
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: 1976

MILTOPE CORP. MILITARIZED CR-300 COMPACT RECORDER

Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 1, 2, 4
Capacity: 3M bytes, unblocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$10,000
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: 1977

NESTAR SYSTEMS, INC. A-2401 CLUSTER/ONE MODEL A

Plug Compatibility: Cipher Archive
Tape Speed: 30 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 4
Media Width: 1/4 in.
Drive Mechanism: Capstan
Price: \$3,000
Number Installed to Date: 500-1,000
Date First Installed: 1981
(See Vendor Profile Page V-26)

PRIME COMPUTER, INC. 458X CARTRIDGE TAPE SLAVE

Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 15M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$4,500
Distribution Method: End user
Date First Installed: December 1982
(See Vendor Profile Page V-29)

PRIME COMPUTER, INC. 4581 CARTRIDGE TAPE DRIVE

Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 15M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$7,000
Distribution Method: End user
Date First Installed: December 1982

QANTEL CORP. 5231

Compatibility: Qantel
Tape Speed: 45 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 22M bytes, blocked
Transfer Rate: 288K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$5,600
Distribution Method: Third-party
Number Installed to Date: 300
Date First Installed: January 1983
(See Vendor Profile Page V-30)

QANTEX DIVISION OF NORTH ATLANTIC INDUSTRIES

150
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 13M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$2,400
Distribution Method: Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: September 1980
(See Vendor Profile Page V-26)

QANTEX DIVISION OF NORTH ATLANTIC INDUSTRIES

200
Tape Speed: 15 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 2
Capacity: 550K bytes, blocked; 1M bytes, unblocked
Transfer Rate: 48K bit/sec
Media Width: 15 in.
Drive Mechanism: Single motor
Streaming Capability: No
Distribution Method: Third-party
Number Installed to Date: 10,000-50,000
Date First Installed: September 1977

QANTEX DIVISION OF NORTH ATLANTIC INDUSTRIES

450
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 13M bytes, blocked; 17M bytes, unblocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$1,450
Distribution Method: Third-party
Number Installed to Date: 10,000-50,000
Date First Installed: January 1981

QANTEX DIVISION OF NORTH ATLANTIC INDUSTRIES

650
Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 4
Capacity: 3M bytes, blocked; 4M bytes, unblocked
Transfer Rate: 48K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Distribution Method: Third-party
Number Installed to Date: 10,000-50,000
Date First Installed: September 1974

QANTEX DIVISION OF NORTH ATLANTIC INDUSTRIES

1000
Tape Speed: 15 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 2
Capacity: 550K bytes, blocked; 1M bytes, unblocked
Transfer Rate: 10K bit/sec
Media Width: 15 in.
Drive Mechanism: Single motor

Streaming Capability: No
 Price: \$1,995
 Distribution Method: End user,
 OEM, Third-party
 Number Installed to Date: 1,000-
 5,000
 Date First Installed: January 1980

**QANTEX DIVISION OF NORTH
 ATLANTIC INDUSTRIES**

2200
 Tape Speed: 30 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 4
 Capacity: 3M bytes, blocked; 4M
 bytes, unblocked
 Transfer Rate: 48K bit/sec
 Media Width: 1/4 in.
 Drive Mechanism: Single motor
 Streaming Capability: No
 Price: \$4,200
 Number Installed to Date: 1,000-
 5,000
 Date First Installed: January 1976

3M CO.

DCD-1
 Tape Speed: 30 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 1
 Capacity: 168K bytes, unblocked
 Transfer Rate: 2K bit/sec
 Media Width: 1/5 in.
 Drive Mechanism: Single motor
 Streaming Capability: Yes
 Price: \$534
 Distribution Method: OEM
 Date First Installed: 1976

3M CO.

DCD-2
 Tape Speed: 30 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 2
 Capacity: 672K bytes, unblocked
 Transfer Rate: 5K bit/sec
 Media Width: 1/4 in.
 Drive Mechanism: Single motor
 Streaming Capability: Yes
 Price: \$886
 Distribution Method: OEM
 Date First Installed: September
 1973
 (See Vendor Profile Page V-37)

**Cartridge Drives
 With Unspecified
 Speeds**

**ANALOG & DIGITAL
 PERIPHERALS**

FEEDBACK 340/344
 Recording Density: 1,600 bit/in.,
 6,400 bit/in.
 Data Tracks: 4
 Capacity: 15M bytes, unblocked
 Media Width: 1/4 in.
 Drive Mechanism: Single motor
 Streaming Capability: No
 Price: \$2,395
 Distribution Method: End user, OEM
 Number Installed to Date: 100-500
 Date First Installed: June 1983
 (See Vendor Profile Page V-3)

ARCHIVE CORP.

SCORPION
 Recording Density: 8,000 bit/in.
 Data Tracks: 4, 9
 Capacity: 45M bytes, blocked; 48M
 bytes, unblocked

Transfer Rate: 90K bit/sec
 Media Width: 1/4 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$800
 Distribution Method: OEM
 Date First Installed: April 1983
 (See Vendor Profile Page V-4)

ARCHIVE CORP.

SIDEWINDER
 Recording Density: 8,000 bit/in.
 Data Tracks: 4
 Capacity: 20M bytes, blocked; 21M
 bytes, unblocked
 Transfer Rate: 90K bit/sec
 Media Width: 1/4 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$800
 Distribution Method: OEM
 Number Installed to Date: 20,000
 Date First Installed: April 1981

ARCHIVE CORP.

SUPER SIDEWINDER
 Recording Density: 8,000 bit/in.
 Data Tracks: 9
 Capacity: 45M bytes, blocked; 48M
 bytes, unblocked
 Transfer Rate: 90K bit/sec
 Media Width: 1/4 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$800
 Distribution Method: OEM
 Number Installed to Date: 5,000
 Date First Installed: November 1982

**CIPHER DATA PRODUCTS,
 INC.**

420-CT QUARTERBACK
 Recording Density: 10,000 bit/in.
 Data Tracks: 4
 Capacity: 20M bytes, blocked
 Transfer Rate: 1,200K bit/sec
 Media Width: 1/4 in.
 Drive Mechanism: Single motor
 Streaming Capability: Yes
 Price: \$800
 Distribution Method: OEM
 Date First Installed: 1981
 (See Vendor Profile Page V-6)

**CIPHER DATA PRODUCTS,
 INC.**

540-CT
 Recording Density: 10,000 bit/in.
 Data Tracks: 9
 Capacity: 45M bytes, blocked
 Transfer Rate: 200K bit/sec
 Media Width: 1/4 in.
 Drive Mechanism: Single motor
 Streaming Capability: Yes
 Price: \$800
 Distribution Method: OEM
 Date First Installed: October 1983

Cassette Tape Drives

Over 46 in./sec • 26- to 45 in./sec

Tape Speeds Over 46 In./Sec

RAYMOND ENGINEERING, INC.

SERIES 6440 RAYCORDER II
Tape Speed: 60 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 2
Capacity: 512K bytes, blocked
Transfer Rate: 3K bit/sec
Media Width: 15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$575 to \$655
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: June 1981
(See Vendor Profile Page V-31)

TANDBERG DATA STORAGE, INC.

QIC-STAR MARK II 3309
Tape Speed: 90 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 9
Capacity: 45M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,325
Distribution Method: OEM
Date First Installed: April 1983
(See Vendor Profile Page V-34)

TANDBERG DATA STORAGE, INC.

QIC-STAR MARK II MODEL 3324
Tape Speed: 90 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 4
Capacity: 27M bytes, blocked
Transfer Rate: 300K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$1,500
Distribution Method: OEM
Date First Installed: June 1982

TANDBERG DATA STORAGE, INC.

QIC-STAR MINI MARK 3314
Tape Speed: 90 in./sec
Data Tracks: 4
Capacity: 20M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,500
Distribution Method: OEM
Date First Installed: May 1983

TANDBERG DATA STORAGE, INC.

QIC-STAR MINI MARK 3319
Tape Speed: 90 in./sec
Data Tracks: 9
Capacity: 45M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,575
Date First Installed: April 1983

TANDBERG DATA STORAGE, INC.

QIC-STAR-MARK I, 3304, 3324, 3204
Plug Compatibility: Tandberg Qic-02

Tape Speed: 90 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 4
Capacity: 27M bytes, blocked
Transfer Rate: 300K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$1,250
Distribution Method: OEM
Date First Installed: June 1982

TANDBERG DATA STORAGE, INC.

QIC-STORE MINI MARK 3314
Tape Speed: 90 in./sec
Data Tracks: 4
Capacity: 20M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,500
Distribution Method: OEM
Date First Installed: May 1983

TANDBERG DATA STORAGE, INC.

QIC-STAR MARK II 3224, 3229
Tape Speed: 90 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 9
Capacity: 45M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,500
Distribution Method: OEM
Date First Installed: April 1983

TANDBERG DATA STORAGE, INC.

QIC-STAR MARK II 3329
Tape Speed: 90 in./sec
Recording Density: 8,000 bit/in.
Data Tracks: 9
Capacity: 45M bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$1,575
Distribution Method: OEM
Date First Installed: April 1983

26- to 45 In./Sec Tape Speeds

ALLOS COMPUTER SYSTEMS

ALLOS MTU-2
Compatibility: Altos ACS8000-10, ACS8000-12, ACS8000-14
Plug Compatibility: DEI
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Capacity: 24M bytes, blocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$2,995
Distribution Method: Third-party
Date First Installed: 1978
(See Vendor Profile Page V-2)

ALLOS COMPUTER SYSTEMS

ALLOS MTU-3
Compatibility: Altos ACS8600-12, ACS8600-14
Plug Compatibility: DEI
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Transfer Rate: 24K bit/sec
Media Width: 1/4 in.

Drive Mechanism: Capstan
Recording Capability: Yes
Price: \$2,995
Distribution Method: Third-party

ALLOS COMPUTER SYSTEMS

ALLOS MTU-4
Compatibility: Altos ACS 586-10, ACS 586-14
Plug Compatibility: DEI
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Transfer Rate: 24K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$2,995
Distribution Method: Third-party
Date First Installed: 1983

ANALOG & DIGITAL PERIPHERALS

ADPI BYTE BUCKET CASSETTE SYSTEM
Tape Speed: 45 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 2
Capacity: 1M bytes, blocked
Transfer Rate: 24K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Hub Driven
Streaming Capability: No
Price: \$1,095
Distribution Method: End user, OEM
Number Installed to Date: 500-1,000
Date First Installed: 1981
(See Vendor Profile Page V-3)

ANALOG & DIGITAL PERIPHERALS

NCR COMPATIBLE DIGITAL CASSETTE SYS
Tape Speed: 45 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 500K bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Hub Driven
Streaming Capability: No
Price: \$1,045
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: 1982

KENNEDY CO.

6455
Compatibility: DEC, Intel Multibus, IBM
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 21M bytes, blocked; 23M bytes, unblocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Cartridge
Streaming Capability: Yes
Price: \$1,000
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: September 1981
(See Vendor Profile Page V-21)

RAYMOND ENGINEERING, INC.

WR-100
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 10M bytes, blocked; 16M bytes, unblocked

Transfer Rate: 24K bit/sec
Media Width: 15 in.
Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$1,175
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: February 1983
(See Vendor Profile Page V-30)

RAYMOND ENGINEERING, INC.

WR-1000
Tape Speed: 30 in./sec
Recording Density: 10,000
Data Tracks: 4
Capacity: 20M bytes, blocked
Transfer Rate: 24K bit/sec
Media Width: 15 in.
Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$1,500
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: February 1982

SAYLOR ELECTRONICS INTERNATIONAL

4200-201 DIGITAL CASSETTE DRIVE
Compatibility: DEC PDP-11; HP 9800
Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 2
Capacity: 1M bytes, blocked; 1M bytes, unblocked
Transfer Rate: 4,800K bit/sec
Media Width: 15 in.
Streaming Capability: Yes
Price: \$875
Distribution Method: End user, Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: January 1974
(See Vendor Profile Page V-31)

SAYLOR ELECTRONICS INTERNATIONAL

4200-204 DIGITAL CASSETTE DRIVE
Compatibility: DEC PDP-11; HP 9800
Tape Speed: 30 in./sec
Recording Density: 3,200 bit/in.
Data Tracks: 2
Capacity: 2M bytes, blocked; 3M bytes, unblocked
Transfer Rate: 96K bit/sec
Media Width: 15 in.
Streaming Capability: Yes
Price: \$1,050
Distribution Method: End user, Third-party
Date First Installed: January 1975

SAYLOR ELECTRONICS INTERNATIONAL

4240 DIGITAL CASSETTE DRIVE
Compatibility: DEC PDP-11; HP 9800
Tape Speed: 30 in./sec
Recording Density: 3,200 bit/in.
Data Tracks: 4
Capacity: 5M bytes, blocked; 7M bytes, unblocked
Transfer Rate: 96K bit/sec
Media Width: 15 in.
Streaming Capability: Yes
Price: \$1,475
Distribution Method: End user, Third-party
Number Installed to Date: 1,050
Date First Installed: January 1978

3M CO.**DCD-3**

Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 4
Capacity: 672K bytes, unblocked
Transfer Rate: 5K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
Price: \$585
Date First Installed: 1973
(See Vendor Profile Page V-37)

Tape Speeds Under 25 in./Sec

ANALOG & DIGITAL**PERIPHERALS**

ADPI LG-1/LG-2
Tape Speed: 18 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Media Width: 1/4 in.
Drive Mechanism: Hub Driven
Streaming Capability: No
Price: \$431
Distribution Method: End user, OEM
Number Installed to Date: 1,000-5,000
Date First Installed: September 1982
(See Vendor Profile Page V-3)

ANALOG & DIGITAL**PERIPHERALS**

LG-P PORTABLE MINI-CASSETTE
Tape Speed: 18 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 100K bytes, blocked
Media Width: 1/4 in.
Drive Mechanism: Hub Driven
Streaming Capability: No
Price: \$595
Distribution Method: End user, OEM
Number Installed to Date: 100-500
Date First Installed: September 1982

ANALOG & DIGITAL**PERIPHERALS**

PHILIPS MINI CASSETTE DRIVE
Tape Speed: 18 in./sec
Data Tracks: 2
Capacity: 230K bytes, unblocked
Transfer Rate: 10K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$174
Distribution Method: End user, OEM
Number Installed to Date: 5,000-10,000
Date First Installed: 1981

BRAEMAR COMPUTER DEVICES, INC.

CD-300 TAPE TRANSPORT
Tape Speed: 10 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 750K bytes, blocked; 1M bytes, unblocked
Transfer Rate: 18K bit/sec
Media Width: 15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$360
Distribution Method: OEM
Date First Installed: 1970
(See Vendor Profile Page V-5)

BRAEMAR COMPUTER DEVICES, INC.

CM-600A MINI TRANSPORT
Tape Speed: 10 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 145K bytes, unblocked
Transfer Rate: 10K bit/sec
Media Width: 15 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$155
Distribution Method: OEM
Date First Installed: 1976

BRAEMAR COMPUTER DEVICES, INC.

CM-600C MINI TRANSPORT
Tape Speed: 10 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 145K bytes, unblocked
Transfer Rate: 10K bit/sec
Media Width: 15 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$200
Distribution Method: OEM
Date First Installed: 1980

BRAEMAR COMPUTER DEVICES, INC.

CS-400 TRANSPORT SYSTEM
Tape Speed: 10 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 1M bytes, unblocked
Transfer Rate: 16K bit/sec
Media Width: 15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$525
Distribution Method: OEM
Date First Installed: 1970
(See Vendor Profile Page V-5)

BRAEMAR COMPUTER DEVICES, INC.

CTL-1000 TAPE LOADER
Compatibility: DG Nova
Tape Speed: 10 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 720K bytes, unblocked
Transfer Rate: 8K bit/sec
Media Width: 15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$1,140
Distribution Method: OEM
Date First Installed: 1979

BRAEMAR COMPUTER DEVICES, INC.

LTD-800 LONG TERM DATA LOGGER
Tape Speed: 10 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2, 4
Media Width: 15 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$325
Date First Installed: 1979

BRAEMAR COMPUTER DEVICES, INC.

MTL-II MINI CASSETTE MEMORY SYSTEM
Tape Speed: 10 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 145K bytes, unblocked
Transfer Rate: 10K bit/sec
Media Width: 15 in.

Drive Mechanism: Single motor
Streaming Capability: No
Price: \$495
Distribution Method: OEM
Date First Installed: 1980

DICOM INDUSTRIES

374-03
Tape Speed: 20 in./sec
Recording Density: 500 bit/in.
Data Tracks: 2
Capacity: 500K bytes, blocked
Transfer Rate: 40K bit/sec
Media Width: 15 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$5,000
Distribution Method: End user, OEM, Third-party
Date First Installed: November 1980
(See Vendor Profile Page V-12)

DIGITAL LABORATORIES, INC.

ACT-1200
Plug Compatibility: RS-232
Tape Speed: 2 in./sec
Recording Density: 400 bit/in.
Data Tracks: 1
Capacity: 100M bytes, blocked
Transfer Rate: 1,200K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$1,000
Distribution Method: End user, OEM
Number Installed to Date: 500-1,000
Date First Installed: June 1975
(See Vendor Profile Page V-13)

ELECTRONIC PROCESSORS, INC.

EPI STR-LINK IIA
Tape Speed: 4 in./sec
Recording Density: 264 bit/in.
Data Tracks: 1
Capacity: 180K bytes, unblocked
Transfer Rate: 120K bit/sec
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$1,887
Distribution Method: OEM
Date First Installed: 1977
(See Vendor Profile Page V-14)

ELECTRONIC PROCESSORS, INC.

EPI STR-410T
Tape Speed: 4 in./sec
Recording Density: 264 bit/in.
Data Tracks: 1
Capacity: 180K bytes, unblocked
Transfer Rate: 120K bit/sec
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$2,305
Date First Installed: 1977

MEMODYNE CORP.

200 SERIES
Tape Speed: 1 in./sec
Recording Density: 615 bit/in.
Data Tracks: 2
Drive Mechanism: Incremental
Streaming Capability: No
Price: \$395
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1971
(See Vendor Profile Page V-00)

MEMODYNE CORP.

333C
Tape Speed: 3 in./sec

Recording Density: 160 bit/in.

Data Tracks: 2
Capacity: 72K bytes, blocked
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$980
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1974
(See Vendor Profile Page V-00)

MEMODYNE CORP.

M-80
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 500M bytes, blocked
Drive Mechanism: Reel to reel
Streaming Capability: No
Price: \$1,845
Distribution Method: OEM
Number Installed to Date: 5,000-10,000
Date First Installed: 1976
(See Vendor Profile Page V-00)

MIDWESTERN INSTRUMENTS, INC.

DIGITAL TAPE CASSETTE DRIVE
Compatibility: Bell & Howell, Tandy
TSR-80; Sperry
Tape Speed: 12 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 540K bytes, blocked
Transfer Rate: 19K bit/sec
Media Width: 15 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$950 to \$1,020
Distribution Method: OEM
(See Vendor Profile Page V-24)

RAYMOND ENGINEERING, INC.

MINI-RAYCORDER MODEL 6409
Tape Speed: 3 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 108K bytes, blocked
Media Width: 15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$455 to \$545
Number Installed to Date: 10,000-50,000
Date First Installed: 1975
(See Vendor Profile Page V-30)

TEAC CORP. OF AMERICA

MT-223/224
Tape Speed: 15 in./sec
Recording Density: 1,000 bit/in.
Data Tracks: 2
Capacity: 760K bytes, blocked
Transfer Rate: 3K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Servo
Streaming Capability: No
Price: \$300 to \$500
Distribution Method: OEM
(See Vendor Profile Page V-34)

TEAC CORP. OF AMERICA

TEAC MT-2 MAG TAPE MEMORY SYSTEM
Tape Speed: 15 in./sec
Recording Density: 800 bit/in.
Data Tracks: 1
Capacity: 400K bytes, blocked
Transfer Rate: 2K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Silt-Disc Servo
Streaming Capability: No

Cassette Tape Drives

Under 25 in./sec

Price: \$300 to \$500
Distribution Method: OEM
Date First Installed: 1972

TECHTRAN INDUSTRIES, INC.

MODEL 817A
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 1
Capacity: 290K bytes, blocked
Media Width: .15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$1,045
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: August 1978
(See Vendor Profile Page V-36)

TECHTRAN INDUSTRIES, INC.

MODEL 817A
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 1
Capacity: 290K bytes, blocked
Media Width: .15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$1,260
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: August 1978

TECHTRAN INDUSTRIES, INC.

MODEL 817A
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 1
Capacity: 290K bytes, blocked
Media Width: .15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$1,610
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: August 1978

TECHTRAN INDUSTRIES, INC.

MODEL 822A
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 1
Capacity: 290K bytes, blocked
Media Width: .15 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$2,445
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: April 1979

TECHTRAN INDUSTRIES, INC.

MODEL 8400PNC
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Media Width: .15 in.
Drive Mechanism: Dual motor
Price: \$1,775
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: October 1981

TECHTRAN INDUSTRIES, INC.

MODEL 818
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 145K bytes, blocked
Media Width: .15 in.

Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$1,045
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: August 1978

TECHTRAN INDUSTRIES, INC.

MODEL 817
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 145K bytes, blocked
Media Width: .15 in.
Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$1,260
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: August 1978

TECHTRAN INDUSTRIES, INC.

MODEL 818
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Media Width: .15 in.
Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$1,610
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: August 1978

TECHTRAN INDUSTRIES, INC.

MODEL 822
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Media Width: .15 in.
Drive Mechanism: Dual motor
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: April 1979

WILLIAM PALMER

INDUSTRIES
DCR/10 DIGITAL CASSETTE
RECORDER
Plug Compatibility: TI Silent 700
Tape Speed: 10 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Capacity: 900K bytes, blocked;
1M bytes, unblocked
Transfer Rate: 10K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$2,400
Distribution Method: End user, OEM
Number Installed to Date: 500-1,000
Date First Installed: 1975
(See Vendor Profile Page V-39)

Transfer Rate: 8K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$798
Distribution Method: End user, OEM
Number Installed to Date: 1,000-5,000
Date First Installed: 1979
(See Vendor Profile Page V-00)

TANDY CORP.

CCR-81
Compatibility: Tandy TRS-80/I,
TRS-80/II, TRS-80/III
Data Tracks: 1
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution Method: Third-party
Date First Installed: September 1982

Cassette Drives Without Specified Tape Speeds

ANALOG & DIGITAL

PERIPHERALS
ADPI DISKLINE MPU CASSETTE
SYSTEM
Recording Density: 800 to 1,000
bit/in.
Data Tracks: 2
Capacity: 1M bytes, blocked

Tape Speeds Over 100 in./Sec

AMPERIF

SERIES 34
Compatibility: S-U 1100
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in.,
6,250 bit/in.
Data Tracks: 9
Capacity: 15M bytes, unblocked
Transfer Rate: 781K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Date First Installed: 1983
(See Vendor Profile Page V-2)

AMPERIF

SERIES 330A
Compatibility: S-U 1100
Tape Speed: 200 in./sec
Recording Density: 800 bit/in.
Data Tracks: 7
Capacity: 1M bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$23,000
Distribution Method: End user
Date First Installed: 1979

AMPERIF

SERIES 330B
Compatibility: S-U 1100
Tape Speed: 200 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Capacity: 3M bytes, unblocked
Transfer Rate: 320K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$23,000
Distribution Method: End user
Date First Installed: 1979

AMPERIF

SERIES 334
Compatibility: S-U 1100
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in.,
6,250 bit/in.
Data Tracks: 9
Capacity: 15M bytes, unblocked
Transfer Rate: 781K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$24,000
Date First Installed: 1979

AMPERIF

SERIES 336
Compatibility: S-U 1100
Tape Speed: 200 in./sec
Recording Density: 1,600 bit/in.,
6,250 bit/in.
Data Tracks: 9
Capacity: 15M bytes, unblocked
Transfer Rate: 1,250K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$26,000
Distribution Method: End user
Date First Installed: 1979

BURROUGHS CORP.

B9495-33
Tape Speed: 125 in./sec

Recording Density: 1,600 bit/in.,
6,250 bit/in.
Data Tracks: 9
Transfer Rate: 780K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
(See Vendor Profile Page V-5)

BURROUGHS CORP.

B9495-33
Tape Speed: 125 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Transfer Rate: 200K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No

CIPHER DATA PRODUCTS, INC.

M950/M991 CACHETAPE
Tape Speed: 240 in./sec
Recording Density: 1,600 bit/in.,
3,200 bit/in.
Data Tracks: 9
Capacity: 46M bytes, blocked, 92M
bytes, unblocked
Transfer Rate: 384K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$2,820
Distribution Method: OEM
Date First Installed: 1983
(See Vendor Profile Page V-6)

CIPHER DATA PRODUCTS, INC.

SERIES 900 VACUUM COLUMN
Tape Speed: 125 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$4,067
Distribution Method: OEM
Date First Installed: 1978

COMPUTER

PERIPHERALS, INC.

ATS-1
Compatibility: IBM
Plug Compatibility: Vertec
Tape Speed: 200 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 1,250K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$20,000
Distribution Method: OEM
Number Installed to Date: 5,000-
10,000
Date First Installed: 1976
(See Vendor Profile Page V-7)

CONTROL DATA CORP.

677-3
Compatibility: CDC Cyber Series
Tape Speed: 150 in./sec
Recording Density: 556 bit/in., 800
bit/in.
Data Tracks: 7
Transfer Rate: 120K bit/in.
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$23,545

Distribution: End user
Date First Installed: 1978
(See Vendor Profile Page V-8)

CONTROL DATA CORP.

677-4
Compatibility: CDC Cyber Series
Tape Speed: 200 in./sec
Recording Density: 556 bit/in., 800
bit/in.
Data Tracks: 7
Transfer Rate: 160K bit/in.
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$26,830
Distribution: End user
Date First Installed: 1978

CONTROL DATA CORP.

679-3
Compatibility: CDC Cyber Series
Tape Speed: 150 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Transfer Rate: 240K bit/in.
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$24,090
Distribution: End user
Date First Installed: 1978

CONTROL DATA CORP.

679-4
Compatibility: CDC Cyber Series
Tape Speed: 200 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Transfer Rate: 320K bit/in.
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$27,375
Distribution: End user
Date First Installed: 1978

CONTROL DATA CORP.

679-6
Compatibility: CDC Cyber Series
Tape Speed: 150 in./sec
Recording Density: 1,600 bit/in.,
6,250 bit/in.
Data Tracks: 9
Transfer Rate: 240K bit/in.
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$31,540
Distribution: End user
Date First Installed: 1978

CONTROL DATA CORP.

679-7
Compatibility: CDC Cyber Series
Tape Speed: 200 in./sec
Recording Density: 556 bit/in., 800
bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Transfer Rate: 320K bit/in.
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$33,510
Distribution: End user
Date First Installed: 1978

DIGITAL EQUIPMENT CORP.

TU77
Compatibility: DEC VAX, PDP-11
Tape Speed: 125 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.

Data Tracks: 9
Transfer Rate: 200K bit/in.
Capacity: 40M bytes, blocked
Integral Controller: Yes
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$36,800
Distribution: End user
Date First Installed: 1978

DIGITAL EQUIPMENT CORP.

TU78
Compatibility: DEC VAX, PDP-11
Tape Speed: 125 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Transfer Rate: 200K bit/in.
Capacity: 40M bytes, blocked
Integral Controller: Yes
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$36,800
Distribution: End user
Date First Installed: 1979

DIGITAL EQUIPMENT CORP.

TU79
Compatibility: DEC VAX, PDP-11
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in.,
6,250 bit/in.
Data Tracks: 9
Transfer Rate: 781K bit/in.
Capacity: 145M bytes, blocked
Integral Controller: Yes
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$48,000
Distribution: End user
Date First Installed: 1981

FUJITSU AMERICA, INC.

M2432R
Plug Compatibility: Storage
Technology C-1900
Tape Speed: 125 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Transfer Rate: 1,250K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$24,750
Distribution Method: OEM
(See Vendor Profile Page V-15)

HARRIS CORP.

6730
Compatibility: Harris 700, 600, 800
Tape Speed: 125 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 110M bytes, blocked
Transfer Rate: 781K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$52,000
Distribution Method: End user
Number Installed to Date: Under
100
Date First Installed: July 1982
(See Vendor Profile Page V-16)

HITACHI AMERICA, LTD.

MT-153
Tape Speed: 125 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.

Reel-to-Reel Tape Drives

Over 100 in./sec

Data Tracks: 9
Transfer Rate: 128K bit/in.
Capacity: 50M bytes, blocked
Integral Controller: No
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution: OEM
(See Vendor Profile Page V-17)

HITACHI AMERICA, LTD.
MT-154
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Transfer Rate: 500K bit/in.
Capacity: 150M bytes, blocked
Integral Controller: No
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution: OEM

HITACHI AMERICA, LTD.
MT-155
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Transfer Rate: 200K bit/in.
Capacity: 50M bytes, blocked
Integral Controller: No
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution: OEM

HITACHI AMERICA, LTD.
MT-156
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Transfer Rate: 780K bit/in.
Capacity: 150M bytes, blocked
Integral Controller: No
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution: OEM

HONEYWELL, INC.
MTS/MT4 9626
Compatibility: Honeywell DPS/6
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 100M bytes, blocked;
 180M bytes, unblocked
Transfer Rate: 780K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$24,190 to \$44,000
Distribution Method: End user
 Third-party
(See Vendor Profile Page V-17)

IBM
3420 MODEL 5
Compatibility: IBM S/370, 4321, 4331, 4341
Tape Speed: 125 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Capacity: 3M bytes, unblocked
Transfer Rate: 200K bit/sec
Drive Mechanism: Capstan
Price: \$19,990
Distribution Method: End user
(See Vendor Profile Page V-17)

IBM
3420 MODEL 6
Compatibility: IBM S/370, 4321, 4331, 4341
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 15M bytes, unblocked
Transfer Rate: 780K bit/sec
Drive Mechanism: Capstan
Price: \$22,890
Distribution Method: End user
Date First Installed: January 1973

IBM
3420 MODEL 7
Tape Speed: 200 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9

IBM
3420 MODEL 8
Compatibility: IBM S/370, 4321, 4331, 4341
Tape Speed: 200 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 15M bytes, unblocked
Transfer Rate: 1,250K bit/sec
Drive Mechanism: Capstan
Price: \$24,840
Distribution Method: End user
Date First Installed: January 1973

INTERSCIENCE SYSTEMS
3450
Compatibility: Sperry 1100
Plug Compatibility: STC 3450
Tape Speed: 125 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in., 16,000 bit/in.
Data Tracks: 7, 9
Transfer Rate: 200K bit/in.
Capacity: 32M bytes, blocked
Integral Controller: No
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$24,000
Distribution: End user
Date First Installed: June 1975
(See Vendor Profile Page V-18)

INTERSCIENCE SYSTEMS
3470
Compatibility: Sperry 1100
Plug Compatibility: STC 3470
Tape Speed: 200 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Transfer Rate: 220K bit/in.
Capacity: 32M bytes, blocked
Integral Controller: No
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$29,000
Distribution: End user
Date First Installed: June 1975

INTERSCIENCE SYSTEMS
3650
Compatibility: Sperry 1100
Plug Compatibility: STC 3650
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 7, 9
Transfer Rate: 780K bit/in.
Capacity: 100M bytes, blocked

Integral Controller: No
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$28,000
Distribution: End user
Date First Installed: June 1975

INTERSCIENCE SYSTEMS
3670
Compatibility: Sperry 1100
Plug Compatibility: STC 3670
Tape Speed: 200 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 7, 9
Transfer Rate: 1,250K bit/in.
Capacity: 100M bytes, blocked
Integral Controller: No
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$30,000
Distribution: End user
Date First Installed: June 1975

KENNEDY CO.
9300
Compatibility: DG Nova, Eclipse;
 DEC PDP-11, LSI, PE
Tape Speed: 125 in./sec
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 200K bit/sec
Streaming Capability: No
Price: \$8,800
Number Installed to Date: 5,000-10,000
Date First Installed: September 1977
(See Vendor Profile Page V-21)

MASSTON SYSTEMS CORP.
M420
Plug Compatibility: IBM 3420
Tape Speed: 200 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Transfer Rate: 320K bit/sec
Drive Mechanism: Capstan
Distribution Method: End user, OEM
(See Vendor Profile Page V-22)

MEMOREX CORP.
3226
Compatibility: IBM 370/135
Plug Compatibility: IBM 3420-6
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 150M bytes, blocked
Transfer Rate: 780K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$30,000
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: January 1978
(See Vendor Profile Page V-23)

MEMOREX CORP.
3227
Compatibility: IBM 370/135
Plug Compatibility: IBM 3420-6
Tape Speed: 200 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 150M bytes, blocked
Transfer Rate: 320K bit/sec
Media Width: 1/2 in.

Drive Mechanism: Single motor
Streaming Capability: No
Price: \$26,000
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: January 1979

MEMOREX CORP.
3228
Compatibility: IBM 370/135
Plug Compatibility: IBM 3420-6
Tape Speed: 200 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 150M bytes, blocked
Transfer Rate: 1,250K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$33,000
Distribution Method: End user
Number Installed to Date: 1,000-5,000
Date First Installed: January 1979

MEMOREX CORP.
3261
Compatibility: IBM 370/135
Plug Compatibility: IBM 3420-6
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 150M bytes, blocked
Transfer Rate: 780K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$57,450
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: September 1982

MEMOREX CORP.
3262
Compatibility: IBM 370/135
Plug Compatibility: IBM 3420-6
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 150M bytes, blocked
Transfer Rate: 780K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$89,200
Distribution Method: End user
Number Installed to Date: 100-500
Date First Installed: September 1982

MEMOREX CORP.
3265
Compatibility: IBM 370/135
Plug Compatibility: IBM 3420-6
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 150M bytes, blocked
Transfer Rate: 200K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$24,100
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: September 1982

MEMOREX CORP.

3266
 Compatibility: IBM 370/135
 Plug Compatibility: IBM 3420-6
 Tape Speed: 125 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Capacity: 150M bytes, blocked
 Transfer Rate: 780K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Single motor
 Streaming Capability: No
 Price: \$24,100
 Number Installed to Date: 100-500
 Date First Installed: September
 1982

MESA TECHNOLOGY CORP.

8003
 Compatibility: Multibus
 Plug Compatibility: Telex
 Tape Speed: 125 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in., 6,250 bit/in.
 Data Tracks: 9
 Capacity: 145M bytes, unblocked
 Transfer Rate: 630K bit/sec
 Media Width: 1/2 in.
 Streaming Capability: No
 Price: \$33,950
 Distribution Method: End user

MESA TECHNOLOGY CORP.

4001
 Compatibility: Multibus
 Plug Compatibility: Cipher
 Tape Speed: 125 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 162K bit/sec
 Streaming Capability: No
 Price: \$10,340
 Distribution Method: End user
 (See Vendor Profile Page V-23)

MESA TECHNOLOGY CORP.

4010
 Compatibility: Unibus
 Plug Compatibility: Telex
 Tape Speed: 125 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in., 6,250 bit/in.
 Data Tracks: 9
 Capacity: 145M bytes, unblocked
 Transfer Rate: 630K bit/sec
 Media Width: 1/2 in.
 Streaming Capability: No
 Distribution Method: End user

MESA TECHNOLOGY CORP.

4011
 Compatibility: Unibus
 Plug Compatibility: Cipher
 Tape Speed: 125 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 125K bit/sec
 Media Width: 1/2 in.
 Streaming Capability: No
 Price: \$10,340
 Distribution Method: End user

MILTOPE CORP.

AT-1161
 Tape Speed: 125 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in., 6,250 bit/in.
 Data Tracks: 9
 Capacity: 100M bytes, blocked
 Transfer Rate: 780K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Single motor

Streaming Capability: Yes
 Price: \$35,000
 Distribution Method: OEM
 Number Installed to Date: 1,000-
 5,000
 Date First Installed: April 1970
 (See Vendor Profile Page V-24)

MILTOPE CORP.

AT-1161 AUTOMATIC TREADING
 TAPE
 Compatibility: IBM 240/3400,
 Norden, Rolm MIL; Litton 3050
 Tape Speed: 125 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in., 6,250
 bit/in.

Data Tracks: 7, 9
 Capacity: 3M bytes, unblocked
 Transfer Rate: 200K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$25,000
 Distribution Method: OEM
 Number Installed to Date: 1,000-
 5,000
 Date First Installed: April 1970

**NATIONAL ADVANCED
SYSTEMS**

77
 Compatibility: IBM 370 Series
 Plug Compatibility: IBM 3420-7
 Tape Speed: 200 in./sec
 Recording Density: 800 bit/in., 1,600
 bit/in.
 Data Tracks: 7
 Transfer Rate: 320K bit/sec
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$24,000
 Distribution Method: End user
 Date First Installed: January 1980
 (See Vendor Profile Page V-25)

**NATIONAL ADVANCED
SYSTEMS**

7420-66
 Compatibility: IBM 370 Series
 Plug Compatibility: IBM 3420-6,
 3430
 Tape Speed: 125 in./sec
 Recording Density: 1600 bit/in.,
 6250 bit/in.
 Data Tracks: 9
 Transfer Rate: 780K bit/sec
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$17,000
 Distribution Method: End user
 Date First Installed: June 1983

**NATIONAL ADVANCED
SYSTEMS**

7420-88
 Compatibility: IBM 370 Series
 Plug Compatibility: IBM, 3420-8
 Tape Speed: 200 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Transfer Rate: 1,250K bit/sec
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$25,000
 Distribution Method: End user
 Date First Installed: January 1980

NCR CORP.

6370-601
 Compatibility: NCR V-Series
 Tape Speed: 125 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.

Data Tracks: 9
 Capacity: 180M bytes, unblocked
 Transfer Rate: 781K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$25,160
 Date First Installed: April 1983
 (See Vendor Profile Page V-26)

NCR CORP.

6370-801
 Compatibility: NCR V-Series
 Tape Speed: 200 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Capacity: 180M bytes, unblocked
 Transfer Rate: 250K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$28,165
 Distribution Method: End user
 Date First Installed: January 1982

PERTEC COMPUTER CORP.

11000
 Tape Speed: 125 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in., 6,250 bit/in.
 Data Tracks: 9
 Capacity: 180M bytes, unblocked
 Transfer Rate: 781K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$11,090
 Distribution Method: OEM
 Number Installed to Date: 13,000
 Date First Installed: January 1977
 (See Vendor Profile Page V-28)

POTTER INSTRUMENT CO.

AT 1082
 Compatibility: IBM
 Tape Speed: 150 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 24K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$25,000
 Distribution Method: End user, OEM
 (See Vendor Profile Page V-29)

POTTER INSTRUMENT CO.

SC 1081
 Tape Speed: 150 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 24K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$25,000
 Distribution Method: End user, OEM
 (See Vendor Profile Page V-29)

**RENAISSANCE MARKETING,
INC.**

AT3427
 Plug Compatibility: IBM 3400
 Tape Speed: 200 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 320K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$3,000 to \$4,000

Distribution Method: End user,
 Third-party
 Date First Installed: 1973
 (See Vendor Profile Page V-31)

**RENAISSANCE MARKETING,
INC.**

SC2406
 Plug Compatibility: IBM 2400 Series
 Tape Speed: 113 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 180K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$1,200
 Distribution Method: End user,
 Third-party
 Date First Installed: 1970

ROSSCOMP CORP.

D-160 FAMILY
 Plug Compatibility: QIC-02
 Tape Speed: 130 in./sec
 Recording Density: 8,000 bit/in.
 Data Tracks: 24 tracks
 Capacity: 160M bytes, blocked
 Transfer Rate: 130K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$1,700
 Distribution Method: End user
 Date First Installed: 1982
 (See Vendor Profile Page V-31)

SPERRY CORP.

UNISERVO 24
 Compatibility: Sperry 100-90, 1100-
 80, 1100-60
 Tape Speed: 125 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 200K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Servo
 Streaming Capability: No
 Price: \$54,720
 Distribution Method: End user
 (See Vendor Profile Page V-33)

SPERRY CORP.

UNISERVO 28
 Compatibility: Sperry 1100-90,
 1100-80, 1100-60
 Tape Speed: 125 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Transfer Rate: 780K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Servo
 Streaming Capability: No
 Price: \$24,750
 Distribution Method: End user

SPERRY CORP.

UNISERVO 36
 Compatibility: Sperry 1100-90,
 1100-80, 1100-60
 Tape Speed: 125 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Transfer Rate: 1,250K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Servo
 Streaming Capability: No
 Price: \$29,500
 Distribution Method: End user
 Number Installed to Date: 100-500
 Date First Installed: January 1978

Reel-to-Reel Tape Drives

Over 100 in./sec • 51- to 100 in./sec

STORAGE TECHNOLOGY CORP.

1950 SERIES
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 781K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: January 1980
(See Vendor Profile Page V-33)

STORAGE TECHNOLOGY CORP.

1960 SERIES
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 781K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: 1980

STORAGE TECHNOLOGY CORP.

3450
Compatibility: IBM 370, 303X, Amdahl V6, V7, V8
Plug Compatibility: IBM 3420-5
Tape Speed: 125 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Capacity: 45M bytes, blocked
Transfer Rate: 290K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$23,110
Distribution Method: End user
Number Installed to Date: 10,000-50,000
Date First Installed: September 1970

STORAGE TECHNOLOGY CORP.

3470
Compatibility: IBM 370, 303X, Amdahl V6, V7, V8
Plug Compatibility: IBM 3420-7
Tape Speed: 200 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Transfer Rate: 320K bit/sec
Streaming Capability: No
Price: \$25,470
Distribution Method: End user
Number Installed to Date: 10,000-50,000
Date First Installed: 1970

STORAGE TECHNOLOGY CORP.

3850
Compatibility: IBM 370, 303X, Amdahl V6, V7, V8
Plug Compatibility: IBM 3420-6
Tape Speed: 125 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9

Capacity: 170M bytes, blocked
Transfer Rate: 780K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$23,920
Distribution Method: End user
Number Installed to Date: 10,000-50,000
Date First Installed: April 1974
(See Vendor Profile Page V-00)

STORAGE TECHNOLOGY CORP.

3670
Compatibility: IBM 370, 303X, Amdahl V6, V7, V8
Plug Compatibility: IBM 3420-8
Tape Speed: 200 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 170M bytes, blocked
Transfer Rate: 1,250K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$26,312
Distribution Method: End user
Number Installed to Date: 10,000-50,000
Date First Installed: April 1974

STORAGE TECHNOLOGY CORP.

4550
Compatibility: IBM 370, 303X, Amdahl V6, V7, V8
Plug Compatibility: IBM, 3420-60
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 170M bytes, blocked
Transfer Rate: 780K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$56,200
Distribution Method: End user
Number Installed to Date: 5,000-10,000
Date First Installed: May 1980

STORAGE TECHNOLOGY CORP.

4670
Compatibility: IBM 370
Plug Compatibility: IBM 3420
Tape Speed: 200 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 780M bytes, blocked
Transfer Rate: 3,000K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$46,800
Distribution Method: End user
Date First Installed: July 1983

STORAGE TECHNOLOGY CORP.

4674
Compatibility: IBM 370
Plug Compatibility: IBM 3420
Tape Speed: 200 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 780M bytes, blocked
Transfer Rate: 3,000K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan

Streaming Capability: No
Price: \$20,850
Distribution Method: End user
Date First Installed: July 1983

SYSTEM INDUSTRIES, INC.

9700-53 TAPE SYSTEM
Compatibility: DEC PDP-11, VAX
Plug Compatibility: DEC
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 8
Capacity: 175M bytes, blocked
Transfer Rate: 781K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Dual motor
Streaming Capability: No
Distribution Method: End user
(See Vendor Profile Page V-33)

TELEX COMPUTER PRODUCTS, INC.

6200 SERIES
Compatibility: Prime 650,750; DEC PDP, VAX, Tandon 1, 2
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 780K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$10,000 to \$12,000
Distribution Method: OEM
Number Installed to Date: 9,000
Date First Installed: January 1978
(See Vendor Profile Page V-36)

TELEX COMPUTER PRODUCTS, INC.

SERIES 80
Compatibility: IBM 360, 370, 4300
Plug Compatibility: IBM 3420-6
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 781K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$17,325
Distribution Method: End user
Number Installed to Date: 1,700
Date First Installed: January 1980

TELEX COMPUTER PRODUCTS, INC.

TELEX-6253-66
Plug Compatibility: Pertec
Tape Speed: 125 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$14,835
Distribution Method: OEM
Number Installed to Date: 5,000-10,000

51- to 100 in./Sec Tape Speeds

AMPERIF SERIES 32

Compatibility: S-U

Tape Speed: 75 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 15M bytes, unblocked
Transfer Rate: 468K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Date First Installed: 1983
(See Vendor Profile Page V-2)

AMPERIF SERIES 332

Compatibility: S-U 1100
Tape Speed: 75 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 15M bytes, unblocked
Transfer Rate: 468K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$21,000
Distribution Method: End user
Date First Installed: September 1979

ARDENT COMPUTER PRODUCTS, INC.

ARDENT 1000
Compatibility: DG Nova
Tape Speed: 75 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Media Width: 1/2 in.
Streaming Capability: No
Price: \$1,800
Distribution Method: OEM
(See Vendor Profile Page V-4)

BURROUGHS CORP.

B9495-32
Tape Speed: 75 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Transfer Rate: 468K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
(See Vendor Profile Page V-5)

CIPHER DATA PRODUCTS, INC.

MOD 11 VACUUM COLUMN
Tape Speed: 75 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$4,490
Date First Installed: September 1971
(See Vendor Profile Page V-6)

CONTROL DATA CORP.

677-2
Compatibility: CDC Cyber Series
Tape Speed: 100 in./sec
Recording Density: 556 bit/in., 800 bit/in.
Data Tracks: 7
Transfer Rate: 80K bit/in.
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$19,165
Distribution: End user
Date First Installed: September 1978
(See Vendor Profile Page V-7)

CONTROL DATA CORP.

679-2
 Compatibility: CDC Cyber Series
 Tape Speed: 100 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 160K bit/in.
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$19,170
 Distribution: End user
 Date First Installed: 1978

CONTROL DATA CORP.

679-5
 Compatibility: CDC Cyber Series
 Tape Speed: 100 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Transfer Rate: 160K bit/in.
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$27,925
 Distribution: End user
 Date First Installed: 1978

CROMEMCO, INC.

TDS
 Compatibility: Cromemco 1, 2, 3
 Tape Speed: 100 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Capacity: 40M bytes, blocked
 Streaming Capability: Yes
 Price: \$7,995
 Distribution Method: Third-party
 (See Vendor Profile Page V-9)

DATA GENERAL CORP.

4307
 Compatibility: DG
 Tape Speed: 75 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Capacity: 150M bytes, blocked,
 180M bytes, unblocked
 Media Width: 1/2 in.
 Drive Mechanism: Vacuum
 Streaming Capability: No
 Price: \$48,500
 Distribution Method: End user, OEM
 Date First Installed: December 1979
 (See Vendor Profile Page V-10)

DATA GENERAL CORP.

6026
 Compatibility: DG
 Tape Speed: 75 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Capacity: 40M bytes, blocked
 Media Width: 1/2 in.
 Drive Mechanism: Vacuum
 Streaming Capability: No
 Price: \$16,000
 Distribution Method: End user, OEM
 Date First Installed: October 1978

DIGI-DATA CORP.

1840 MAGNETIC TAPE SYSTEMS
 Tape Speed: 75 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Capacity: 46M bytes, unblocked
 Transfer Rate: 120K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes

Price: \$5,175 to \$6,375

(See Vendor Profile Page V-12)

BAW CONTROL CORP.

TDX/75 ISP DRIVE
 Compatibility: IBM 34
 Plug Compatibility: Pertec; Kennedy
 Tape Speed: 75 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Capacity: 39M bytes, blocked; 44M
 bytes, unblocked
 Transfer Rate: 120K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$7,500
 Distribution Method: End user
 Number Installed to Date: 1,000-
 5,000
 (See Vendor Profile Page V-15)

HARRIS CORP.

6330
 Compatibility: Harris 600, 700, 800
 Tape Speed: 100 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Capacity: 30M bytes, blocked
 Transfer Rate: 160K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$9,800
 Distribution Method: End user
 Number Installed to Date: 500-
 1,000
 Date First Installed: June 1981
 (See Vendor Profile Page V-16)

HARRIS CORP.

6696
 Compatibility: Harris 600, 700, 800
 Tape Speed: 75 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Capacity: 30M bytes, blocked
 Transfer Rate: 120K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$24,600
 Distribution Method: End user
 Number Installed to Date: 100-500
 Date First Installed: January 1983

HARRIS CORP.

6720
 Compatibility: Harris 700, 600, 800
 Tape Speed: 75 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Capacity: 110M bytes, blocked
 Transfer Rate: 468K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$39,900
 Distribution Method: End user
 Number Installed to Date: 100-500
 Date First Installed: January 1979

HEWLETT-PACKARD CO.

HP 7976A
 Compatibility: HP 1000 A/L, 3000 III,
 3000 30/33
 Tape Speed: 75 in./sec
 Data Tracks: 9
 Streaming Capability: Yes
 Price: \$44,440
 Distribution Method: End user
 Date First Installed: 1981
 (See Vendor Profile Page V-17)

HONEYWELL, INC.

MTU 9609/9610/9614/9615
 Compatibility: Honeywell DPS/6
 Tape Speed: 75 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Capacity: 31M bytes, blocked; 46M
 bytes, unblocked
 Transfer Rate: 120K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$11,500 to \$17,960
 Distribution Method: End user,
 Third-party
 Date First Installed: 1979

IBM

3420 MODEL 4
 Compatibility: IBM S/370, 4321,
 4331, 4341
 Tape Speed: 75 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 9
 Capacity: 15M bytes, blocked
 Transfer Rate: 470K bit/sec
 Drive Mechanism: Capstan
 Price: \$19,170
 Distribution Method: End user
 Date First Installed: January 1973
 (See Vendor Profile Page V-17)

IBM

3420 MODEL 4
 Compatibility: IBM S/370, IBM
 4321, IBM 4331, IBM 4341
 Tape Speed: 75 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 9
 Capacity: 15M bytes, blocked
 Transfer Rate: 470K bit/sec
 Drive Mechanism: Capstan
 Price: \$19,170
 Distribution Method: End user
 Date First Installed: January 1973

IBM

4969 (7D)
 Compatibility: IBM Series/1
 Tape Speed: 75 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.

Data Tracks: 9

Transfer Rate: 120K bit/sec
 Price: \$16,960

Distribution Method: End user

IBM

4969 (7N)
 Compatibility: IBM Series/1
 Tape Speed: 75 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 9
 Transfer Rate: 60K bit/sec
 Price: \$15,640

IBM

4969 (7P)
 Compatibility: IBM Series/1
 Tape Speed: 75 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Transfer Rate: 120K bit/sec
 Price: \$16,170
 Distribution Method: End user

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4610-5
 Plug Compatibility: HP-IB

Tape Speed: 100 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Capacity: 28M bytes, blocked
 Transfer Rate: 160K bit/sec
 Media Width: 1/2 in.
 Streaming Capability: Yes
 Price: \$8,875
 Distribution Method: End user
 Number Installed to Date: Under
 100
 Date First Installed: May 1976
 (See Vendor Profile Page V-18)

INTERSCIENCE SYSTEMS

3630
 Compatibility: Sperry 1100
 Plug Compatibility: STC 3630
 Tape Speed: 75 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 7, 9
 Transfer Rate: 470K bit/in.
 Capacity: 32M bytes, blocked
 Integral Controller: No
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$25,000
 Distribution: End user
 Date First Installed: June 1975
 (See Vendor Profile Page V-18)

KENNEDY CO.

8100
 Compatibility: DG Nova, Eclipse;
 DEC PDP-11, LSI, PE
 Tape Speed: 75 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 7, 9
 Capacity: 48M bytes, unblocked
 Transfer Rate: 120K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$5,850
 Distribution Method: End user, OEM
 Number Installed to Date: 10,000-
 50,000
 Date First Installed: 1976
 (See Vendor Profile Page V-21)

KENNEDY CO.

8400
 Compatibility: DEC; DG
 Plug Compatibility: Pertec; STC
 6809
 Tape Speed: 75 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in., 6,250 bit/in.
 Data Tracks: 9
 Capacity: 180M bytes, unblocked
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$12,000
 Distribution Method: OEM

MEMTEC

420
 Tape Speed: 90 in./sec
 Recording Density: 10,000 bit/in.
 Data Tracks: 9
 Capacity: 42M bytes, blocked
 Transfer Rate: 450K bit/sec
 Media Width: 15 in.
 Drive Mechanism: Reel to reel
 Streaming Capability: Yes
 Distribution Method: OEM
 Number Installed to Date: Under
 100
 Date First Installed: August 1983
 (See Vendor Profile Page V-23)

Reel-to-Reel Tape Drives

51- to 100 in./sec

HEMTEC

450
Tape Speed: 90 in./sec
Data Tracks: 9
Streaming Capability: Yes
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: August 1983

HEMTEC

451 & 453
Tape Speed: 90 in./sec
Recording Density: 10,000 bit/in.
Data Tracks: 2
Capacity: 1M bytes, blocked
Transfer Rate: 450K bit/sec
Media Width: 15 in.
Drive Mechanism: Reel to reel
Streaming Capability: Yes
Price: \$300
Distribution Method: OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1979

HEMTEC

510
Tape Speed: 90 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4
Capacity: 12M bytes, blocked
Transfer Rate: 576K bit/sec
Media Width: 15 in.
Drive Mechanism: Reel to reel
Streaming Capability: Yes
Price: \$350
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: August 1982

HEMTEC

520
Tape Speed: 90 in./sec
Recording Density: 10,000 bit/in.
Data Tracks: 4
Capacity: 20M bytes, blocked
Transfer Rate: 900K bit/sec
Media Width: 15 in.
Drive Mechanism: Reel to reel
Streaming Capability: Yes
Price: \$400
Distribution Method: OEM
Number Installed to Date: 1,000-5,000
Date First Installed: March 1983
(See Vendor Profile Page V-00)

MESA TECHNOLOGY CORP.

1012
Compatibility: Unibus
Plug Compatibility: Cipher
Tape Speed: 100 in./sec
Recording Density: 1,600 bit/in., 3,200 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 150K bit/sec
Media Width: 1/2 in.
Streaming Capability: Yes
Price: \$6,445
Distribution Method: End user
(See Vendor Profile Page V-23)

MESA TECHNOLOGY CORP.

4002
Compatibility: Multibus
Plug Compatibility: Cipher
Tape Speed: 100 in./sec
Recording Density: 1,600 bit/in., 3,200 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 150K bit/sec

Media Width: 1/2 in.
Streaming Capability: Yes
Price: \$6,445
Distribution Method: End user

MILTOPE CORP.

SC1181 TAPE TRANSPORT
Compatibility: IBM 2400/3400
Tape Speed: 75 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in.
Data Tracks: 7, 9
Capacity: 1M bytes, unblocked
Transfer Rate: 100K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$40,000
Distribution Method: OEM
Number Installed to Date: 100-500
Date First Installed: 1978
(See Vendor Profile Page V-24)

NATIONAL ADVANCED SYSTEMS

7420-44
Compatibility: IBM 370 Series
Plug Compatibility: IBM 3430, 3420-4
Tape Speed: 80 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Transfer Rate: 500K bit/sec
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$15,000
Distribution Method: End user
Date First Installed: June 1983

NCR CORP.

6370-0401
Compatibility: NCR V-Series
Tape Speed: 75 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 468K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$21,935
Distribution Method: End user
Date First Installed: April 1983
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.

8410-04
Compatibility: Nixdorf 8890
Tape Speed: 75 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 120K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$12,595
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: November 1981
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.

8420-02
Compatibility: Nixdorf 8890
Tape Speed: 75 in./sec
Recording Density: 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 470K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan

Streaming Capability: No
Price: \$16,750
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: June 1982

PERTEC COMPUTER CORP.

FS1000
Tape Speed: 100 in./sec
Recording Density: 1,600 bit/in., 3,200 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Reel driven
Streaming Capability: Yes
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: December 1982
(See Vendor Profile Page V-28)

PERTEC COMPUTER CORP.

T9000
Tape Speed: 75 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, blocked
Transfer Rate: 120K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$6,335
Distribution Method: OEM
Number Installed to Date: 12,000
Date First Installed: January 1974

PRIME COMPUTER, INC.

4522 MAGNETIC TAPE SUBSYSTEM
Tape Speed: 75 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 120K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$18,500
Distribution Method: End user
Date First Installed: December 1980
(See Vendor Profile Page V-29)

PRIME COMPUTER, INC.

4529 MAGNETIC TAPE SLAVE
Tape Speed: 75 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 120K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$14,000
Distribution Method: End user
Date First Installed: December 1980

PRIME COMPUTER, INC.

4550 MAGNETIC TAPE SUBSYSTEM
Tape Speed: 75 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 469K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$48,500
Distribution Method: End user
Date First Installed: January 1981

PRIME COMPUTER, INC.

4551 MAGNETIC TAPE SLAVE
Tape Speed: 75 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 469K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$23,000
Distribution Method: End user
Date First Installed: January 1981

QANTEC CORP.

5241
Compatibility: Cantel 64
Tape Speed: 100 in./sec
Recording Density: 1,600 bit/in., 3,200 bit/in.
Data Tracks: 9
Capacity: 40M bytes, blocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$20,450
Distribution Method: Third-party
Number Installed to Date: 50
Date First Installed: April 1983
(See Vendor Profile Page V-30)

SPERRY CORP.

UNISERVO 22
Compatibility: Sperry 1100-90, 1100-80, 1100-60
Tape Speed: 75 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Transfer Rate: 120K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Servo
Streaming Capability: No
Price: \$47,000
Distribution Method: End user
Number Installed to Date: 600
(See Vendor Profile Page V-33)

SPERRY CORP.

UNISERVO 26
Compatibility: Sperry 110-90, 110-80, 110-60
Tape Speed: 75 in./sec
Recording Density: 1600 bit/in., 6250 bit/in.
Data Tracks: 9
Transfer Rate: 470K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Servo
Streaming Capability: No
Price: \$22,000
Distribution Method: End user

STORAGE TECHNOLOGY CORP.

1920
Tape Speed: 75 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 469K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution Method: End user
(See Vendor Profile Page V-33)

STORAGE TECHNOLOGY CORP.

3430
Compatibility: IBM 370, 303, Amdahl V6, V7, V8

Plug Compatibility: IBM 3420-X
Tape Speed: 75 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Capacity: 45M bytes, blocked
Transfer Rate: 120K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$18,140
Distribution Method: End user
Number Installed to Date: 10,000-50,000
Date First Installed: September 1970

STORAGE TECHNOLOGY CORP.

3830
Compatibility: IBM 370, 303X; Amdahl
Plug Compatibility: IBM 3420-4
Tape Speed: 75 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 170M bytes, blocked
Transfer Rate: 470K bit/sec
Media Width: 1/2 in.
Streaming Capability: Yes
Price: \$20,756
Distribution Method: End user
Number Installed to Date: 10,000-50,000
Date First Installed: April 1974

TELEX COMPUTER PRODUCTS, INC.

TELEX-6253-44
Plug Compatibility: Pertec
Tape Speed: 75 in./sec
Recording Density: 800 bit/in., 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: No
Price: \$14,635
Distribution Method: OEM
Number Installed to Date: 5,000-10,000
Date First Installed: November 1980
(See Vendor Profile Page V-36)

Tape Speeds Under 50 In./Sec

A. B. DICK CO.

CIPHER STREAMING TAPE
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 40M bytes, blocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Double motor
Streaming Capability: Yes
Price: \$5,500
Distribution Method: OEM
Number Installed to Date: 10
Date First Installed: July 1982
(See Vendor Profile Page V-1)

ASTRONAUTICS CORP. OF AMERICA

MTU P/N-202621
Tape Speed: 38 in./sec
Recording Density: 200 bit/in., 556 bit/in.
Data Tracks: 7

Media Width: 1/2 in.
Price: \$22,683
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-4)

ASTRONAUTICS CORP. OF AMERICA

MTU P/N-202622
Tape Speed: 38 in./sec
Recording Density: 556 bit/in., 800 bit/in.
Data Tracks: 7
Media Width: 1/2 in.
Price: \$22,683
Distribution Method: End user
Date First Installed: 1979

ASTRONAUTICS CORP. OF AMERICA

MTU P/N-202623
Tape Speed: 38 in./sec
Recording Density: 800 bit/in.
Data Tracks: 9
Media Width: 1/2 in.
Price: \$22,683
Distribution Method: End user
Date First Installed: 1979

ASTRONAUTICS CORP. OF AMERICA

MTU P/N-202624
Tape Speed: 38 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Media Width: 1/2 in.
Price: \$33,317
Distribution Method: End user

BURROUGHS CORP.

89498
Tape Speed: 25 in./sec
Recording Density: 1600 bit/in.
Data Tracks: 9
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Single motor
Streaming Capability: Yes
(See Vendor Profile Page V-5)

CIPHER DATA PRODUCTS, INC.

MOD 8/MOD 10 COMPLIANCE ARM
Tape Speed: 45 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$2,826
Distribution Method: OEM
Date First Installed: 1969
(See Vendor Profile Page V-6)

CIPHER DATA PRODUCTS, INC.

SERIES 106X COMPLIANCE ARM
Tape Speed: 45 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$3,301
Distribution Method: OEM
Date First Installed: 1970

COMPUTER PERIPHERALS, INC.

KEYSTONE 92180
Compatibility: IBM
Plug Compatibility: Vertec
Tape Speed: 13 in./sec

Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$3,850
Distribution Method: OEM
Number Installed to Date: 500-1,000
Date First Installed: March 1981
(See Vendor Profile Page V-8)

COMPUTER PERIPHERALS, INC.

KEYSTONE 92181
Compatibility: IBM
Plug Compatibility: Vertec
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$4,000
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: March 1982

COMPUTER PERIPHERALS, INC.

KEYSTONE 92185
Compatibility: IBM
Plug Compatibility: Vertec
Tape Speed: 25 in./sec
Recording Density: 6,250 bit/in.
Data Tracks: 9
Capacity: 180M bytes, unblocked
Transfer Rate: 468K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Dual motor
Price: \$8,500
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000-5,000
Date First Installed: May 1983

COMPUTER PERIPHERALS, INC.

KEYSTONE 92192
Compatibility: IBM
Plug Compatibility: Vertec
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 17M bytes, blocked
Transfer Rate: 468K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$1,500
Distribution Method: OEM, Third-party
Number Installed to Date: 0-100
Date First Installed: March 1983

COMPUTER PERIPHERALS, INC.

SPIRIT 9214X
Compatibility: IBM
Plug Compatibility: Vertec
Tape Speed: 45 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 72K bit/sec
Media Width: 1/2 in.

Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$6,000
Distribution Method: OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: June 1979

CONTROL DATA CORP.

KEYSTONE 92181
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 37M bytes, blocked, 46M bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$4,000
Distribution Method: OEM
Number Installed to Date: 3,000
Date First Installed: June 1982
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

KEYSTONE 92185
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in., 6,250 bit/in.
Data Tracks: 9
Capacity: 123M bytes, blocked, 180M bytes, unblocked
Transfer Rate: 469K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$8,500
Distribution Method: OEM
Date First Installed: 1982

CONTROL DATA CORP.

MODEL 92144
Tape Speed: 45 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 40K bytes, blocked
Transfer Rate: 72K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$5,000
Distribution Method: OEM
Number Installed to Date: 4,000
Date First Installed: 1982

CATA GENERAL CORP.

6123/6125 MAG TAPE SUBSYSTEM
Plug Compatibility: IBM
Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Transfer Rate: 48K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Date First Installed: January 1981
(See Vendor Profile Page V-10)

CATA GENERAL CORP.

6125
Compatibility: DG
Tape Speed: 30 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 20M bytes, blocked
Media Width: 1/2 in.
Drive Mechanism: Vacuum
Streaming Capability: Yes
Price: \$6,800
Distribution Method: End user, OEM
Date First Installed: February 1981

Reel-to-Reel Tape Drives

Under 50 in./sec

DATAMAGNETICS, INC.

MODEL 1600
 Compatibility: IBM
 Tape Speed: 25 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 7, 9
 Capacity: 8M bytes, blocked
 Transfer Rate: 40K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$15,000
 Distribution Method: End user
 Number Installed to Date: 50
 Date First Installed: 1973
 (See Vendor Profile Page V-10)

DATAPoint CORP.

9584
 Compatibility: Datapoint 6000
 Tape Speed: 25 in./sec
 Recording Density: 1600 bit/in.
 Data Tracks: 9
 Capacity: 5M bytes, blocked
 Transfer Rate: 40K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$12,500
 Distribution Method: End user
 Date First Installed: May 1978
 (See Vendor Profile Page V-11)

DIGI-DATA CORP.

SERIES 1140
 Tape Speed: 25 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Capacity: 17M bytes, unblocked
 Transfer Rate: 40K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$3,350 to \$4,550
 Distribution Method: End user, OEM
 (See Vendor Profile Page V-12)

DIGI-DATA CORP.

SERIES 1740
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Capacity: 46M bytes, unblocked
 Transfer Rate: 72K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$4,175 to \$5,275
 Distribution Method: End user, OEM
 Date First Installed: September
 1978

DIGI-DATA CORP.

**SERIES 2030 STREAMER MAG
 TAPE DRIVE**
 Tape Speed: 25 in./sec
 Recording Density: 3,200 bit/in.
 Data Tracks: 9
 Capacity: 92M bytes, unblocked
 Transfer Rate: 200K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Dual motor
 Streaming Capability: Yes
 Price: \$3,290 to \$3,690
 Distribution Method: End user, OEM
 Date First Installed: 1982

DIGITAL EQUIPMENT CORP.

TSV05
 Compatibility: DEC PDP-11/23,
 PDP-11/23+
 Tape Speed: 25 in./sec
 Recording Density: 1,600 bit/in.

Data Tracks: 9
 Transfer Rate: 40K bit/in.
 Capacity: 28M bytes, blocked
 Integral Controller: Yes
 Media Width: 1/2 in.
 Drive Mechanism: Streamer
 Streaming Capability: Yes
 Price: \$8,900
 Distribution: End user
 Date First Installed: 1982

DIGITAL EQUIPMENT CORP.

TU88
 Compatibility: DEC LSI-11/2, Micro
 PDP-11
 Tape Speed: 30 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 2
 Transfer Rate: 3.7K bit/in.
 Capacity: 262M bytes, blocked
 Integral Controller: Yes
 Media Width: 15 in.
 Drive Mechanism: Dual motor
 Streaming Capability: No
 Price: \$995
 Distribution: End user
 Date First Installed: September
 1980

DIGITAL EQUIPMENT CORP.

TU80
 Compatibility: DEC VAX-11/780
 Tape Speed: 25 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 160K bit/in.
 Capacity: 40M bytes, blocked
 Integral Controller: Yes
 Media Width: 1/2 in.
 Drive Mechanism: Dual motor
 Streaming Capability: Yes
 Price: \$9,900
 Distribution: End user
 Date First Installed: April 1983

FUJITSU AMERICA, INC.

M3442A
 Plug Compatibility: Pertec
 Tape Speed: 13 in./sec
 Recording Density: 6,250 bit/in.
 Data Tracks: 9
 Transfer Rate: 625K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Dual motor
 Streaming Capability: Yes
 Price: \$9,000
 Distribution Method: OEM
 (See Vendor Profile Page V-15)

QAW CONTROL CORP.

TDX 1000
 Compatibility: IBM 34
 Plug Compatibility: Pertec, Kennedy
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in., 1600
 bit/in.
 Data Tracks: 9
 Capacity: 39M bytes, blocked; 39M
 bytes, unblocked
 Transfer Rate: 72K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$6,500
 Distribution Method: End user
 (See Vendor Profile Page V-15)

HARRIS CORP.

6646
 Compatibility: Harris 600, Harris
 700, Harris 800
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 9
 Capacity: 15M bytes, blocked

Transfer Rate: 36K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$13,700
 Distribution Method: End user
 Number Installed to Date: 0-100
 Date First Installed: January 1983
 (See Vendor Profile Page V-16)

HARRIS CORP.

6656
 Compatibility: Harris 700, Harris
 600, Harris 800
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Capacity: 30M bytes, blocked
 Transfer Rate: 72K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$20,100
 Distribution Method: End user
 Number Installed to Date: Under
 100
 Date First Installed: January 1983

HEWLETT-PACKARD CO.

HP T870B
 Compatibility: HP 1000 M/E/F, 3000
 III
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 9
 Capacity: 20M bytes, blocked; 23M
 bytes, unblocked
 Transfer Rate: 36K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$8,410 to \$13,440
 Distribution Method: End user
 (See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

H-P 7970E
 Compatibility: HP 1000 A/L, 3000 III,
 9835, 9845, 9000
 Tape Speed: 45 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Capacity: 40M bytes, blocked; 46M
 bytes, unblocked
 Transfer Rate: 72K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$10,160 to \$15,270
 Distribution Method: End user

HITACHI AMERICA, LTD.

MT-250
 Compatibility: DEC VAX-11/780
 Tape Speed: 25 in./sec
 Recording Density: 1,600 bit/in.,
 6,250 bit/in.
 Data Tracks: 9
 Transfer Rate: 781K bit/in.
 Integral Controller: Yes
 Media Width: 1/2 in.
 Streaming Capability: Yes
 Distribution: OEM

IBM

3410-1
 Compatibility: IBM S/370, 3031,
 4321, 4331
 Tape Speed: 13 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 7, 9
 Transfer Rate: 20K bit/sec

Drive Mechanism: Single motor
 Streaming Capability: No
 Price: \$3,365
 Date First Installed: January 1972

IBM

3410-2
 Compatibility: IBM S370, 3031,
 4321, 4341
 Tape Speed: 25 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 7, 9
 Transfer Rate: 40K bit/sec
 Drive Mechanism: Single motor
 Streaming Capability: No
 Price: \$4,365
 Date First Installed: January 1972

IBM

3410-3
 Compatibility: IBM S370, 3031,
 4321, 4341
 Tape Speed: 50 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 7, 9
 Drive Mechanism: Single motor
 Streaming Capability: No
 Date First Installed: January 1972

IBM

3411-1
 Compatibility: IBM S370, 3031,
 4321, 4331
 Tape Speed: 13 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 7, 9
 Transfer Rate: 20K bit/sec
 Drive Mechanism: Single motor
 Streaming Capability: No
 Price: \$7,910
 Distribution Method: End user
 Date First Installed: January 1972

IBM

3411-3
 Compatibility: IBM S370, 3031,
 4321, 4331
 Tape Speed: 50 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 7, 9
 Transfer Rate: 80K bit/sec
 Drive Mechanism: Single motor
 Streaming Capability: No
 Price: \$11,910
 Distribution Method: End user
 Date First Installed: January 1972

IBM

3441-2
 Compatibility: IBM S370, 3031,
 4321, 4341
 Tape Speed: 25 in./sec
 Recording Density: 200 bit/in., 556
 bit/in., 800 bit/in., 1,600 bit/in.
 Data Tracks: 7, 9
 Transfer Rate: 40K bit/sec
 Drive Mechanism: Single motor
 Streaming Capability: No
 Price: \$9,910
 Distribution Method: End user
 Date First Installed: January 1972

IBM

4969 (4D)
 Compatibility: IBM Series/1
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in.,
 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 72K bit/sec
 Price: \$13,020

IBM

4969 (4N)
 Compatibility: IBM Series/1
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 9
 Transfer Rate: 36K bit/sec
 Price: \$11,720
 Distribution Method: End user

IBM

4969 (4P)
 Compatibility: IBM Series/1
 Tape Speed: 45 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 72K bit/sec
 Price: \$12,250

IBM

8809-2
 Compatibility: IBM 4321, 4331
 Tape Speed: 13 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 20K bit/sec
 Streaming Capability: Yes
 Price: \$10,610
 Distribution Method: End user
 Date First Installed: January 1979

IBM

8809-3
 Compatibility: IBM
 Tape Speed: 13 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 20K bit/sec
 Streaming Capability: Yes
 Price: \$11,960
 Date First Installed: January 1979

IBM

8809-1A
 Compatibility: IBM 4321, 4331
 Tape Speed: 13 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 20K bit/sec
 Streaming Capability: Yes
 Price: \$11,960
 Distribution Method: End user
 Date First Installed: January 1979

IBM

8809-1B
 Compatibility: IBM 4321, 4331
 Tape Speed: 13 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Transfer Rate: 20K bit/sec
 Streaming Capability: Yes
 Price: \$14,640
 Distribution Method: End user

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4607-7
 Plug Compatibility: HP-IB
 Tape Speed: 25 in./sec
 Recording Density: 200 bit/in., 556 bit/in., 800 bit/in.
 Data Tracks: 7
 Capacity: 3M bytes, blocked
 Transfer Rate: 20K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$8,575
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976
 (See Vendor Profile Page V-18)

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4607-9
 Tape Speed: 25 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 7
 Capacity: 3M bytes, blocked
 Transfer Rate: 20K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$8,575
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: September 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4607-9-16
 Tape Speed: 25 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 7
 Capacity: 7M bytes, blocked
 Transfer Rate: 40K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$11,325
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4607-9-816
 Tape Speed: 25 in./sec
 Recording Density: 800 bit/in., 1,600 bit/in.
 Data Tracks: 7
 Capacity: 7M bytes, blocked
 Transfer Rate: 40K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$11,825
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4608-7
 Plug Compatibility: HP-IB
 Tape Speed: 25 in./sec
 Recording Density: 200 bit/in., 556 bit/in., 800 bit/in.
 Data Tracks: 7
 Capacity: 7M bytes, blocked
 Transfer Rate: 20K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$8,575
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4608-9
 Tape Speed: 25 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 9
 Capacity: 7M bytes, blocked
 Transfer Rate: 20K bit/sec

Media Width: 1/2 in.

Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$8,575
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4608-9-16
 Tape Speed: 25 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Capacity: 14M bytes, blocked
 Transfer Rate: 40K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$11,325
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4608-9-816
 Plug Compatibility: HP-IB
 Tape Speed: 25 in./sec
 Recording Density: 800 bit/in., 1,600 bit/in.
 Data Tracks: 9
 Capacity: 14M bytes, blocked
 Transfer Rate: 40K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$11,825
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4610-7
 Tape Speed: 45 in./sec
 Recording Density: 200 bit/in., 556 bit/in., 800 bit/in.
 Data Tracks: 7
 Capacity: 14M bytes, blocked
 Transfer Rate: 36K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$8,875
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4610-9
 Plug Compatibility: HP-IB
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in.
 Data Tracks: 9
 Capacity: 14M bytes, blocked
 Transfer Rate: 30K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$8,875
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: September 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4610-9-16
 Plug Compatibility: HP-IB
 Tape Speed: 45 in./sec
 Recording Density: 1,600 bit/in.
 Data Tracks: 9
 Capacity: 28M bytes, blocked
 Transfer Rate: 72K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$11,625
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

**INFORMATION
DEVELOPMENT &
APPLICATIONS**

4610-9-816
 Plug Compatibility: HP-IB
 Tape Speed: 45 in./sec
 Recording Density: 800 bit/in., 1,600 bit/in.
 Data Tracks: 9
 Capacity: 28M bytes, blocked
 Transfer Rate: 72K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$12,125
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: 1976

INNOVATIVE DATA**TECHNOLOGY**

TD-1012/IBM-PC
 Compatibility: IBM Personal Computer XT; Apple II, Apple III
 Plug Compatibility: IEEE-488
 Tape Speed: 12 in./sec
 Recording Density: 1600 bit/in.
 Data Tracks: 9
 Capacity: 30M bytes, blocked, 40M bytes, unblocked
 Transfer Rate: 20K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: No
 Price: \$6,495
 Distribution Method: End user
 Number Installed to Date: 100-500
 Date First Installed: September 1982

INNOVATIVE DATA**TECHNOLOGY**

TD-1012/PC-STR
 Compatibility: IBM Personal Computer XT
 Tape Speed: 12 in./sec
 Recording Density: 1600 bit/in.
 Data Tracks: 9
 Capacity: 30M bytes, blocked; 40M bytes, unblocked
 Transfer Rate: 160K bit/sec
 Media Width: 1/2 in.
 Drive Mechanism: Capstan
 Streaming Capability: Yes
 Price: \$4,995
 Distribution Method: End user
 Number Installed to Date: 100-500
 Date First Installed: 1982
 (See Vendor Profile Page V-19)

INNOVATIVE DATA**TECHNOLOGY**

TD-1054/IBM-PC
 Compatibility: IBM Personal Computer XT; Apple II, Apple III

Reel-to-Reel Tape Drives

Under 50 in./sec

Plug Compatibility: IEEE-488
Tape Speed: 45 in./sec
Recording Density: 1600 bit/in.
Data Tracks: 9
Capacity: 30M bytes, blocked; 40M bytes, unblocked
Transfer Rate: 50K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$8,500
Number Installed to Date: 1,000-5,000
Date First Installed: September 1982

INNOVATIVE DATA TECHNOLOGY

TD-1054/PC-STD
Compatibility: IBM Personal Computer XT
Tape Speed: 45 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 30M bytes, blocked; 40M bytes, unblocked
Transfer Rate: 50K bit/sec
Media Width: 1/2 in.
Streaming Capability: No
Price: \$6,995
Number Installed to Date: 1,000-5,000
Date First Installed: September 1982
(See Vendor Profile Page V-19)

KENNEDY CO.

8809
Compatibility: DEC, DG, Intel Multibus, IBM
Plug Compatibility: Pertec Cipher
Tape Speed: 13 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Reel
Streaming Capability: Yes
Price: \$3,850
Number Installed to Date: 5,000-10,000
Date First Installed: April 1981
(See Vendor Profile Page V-21)

KENNEDY CO.

8020
Compatibility: DG Nova, Eclipse; DEC PDP-11, LSI, PE
Tape Speed: 45 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Capacity: 46M bytes, unblocked
Transfer Rate: 72K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$4,600
Distribution Method: End user, OEM
Number Installed to Date: 10,000-50,000
Date First Installed: 1972

KENNEDY CO.

8700
Compatibility: DG Nova, Eclipse; DEC PDP-11, LSI, PE
Tape Speed: 25 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Capacity: 11M bytes, blocked
Transfer Rate: 40K bit/sec

Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$3,650
Number Installed to Date: 5,000-10,000
Date First Installed: 1972

KENNEDY CO.

8800
Compatibility: DG Nova, Eclipse; DEC PDP-11, LSI, PE
Tape Speed: 25 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Capacity: 23M bytes, unblocked
Transfer Rate: 40K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$3,750
Distribution Method: End user, OEM
Number Installed to Date: 5,000-10,000
Date First Installed: 1972

KENNEDY CO.

9832
Compatibility: DG Nova, Eclipse; DEC PDP-11, LSI, PE
Tape Speed: 38 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in., 1,600 bit/in.
Data Tracks: 7, 9
Capacity: 11M bytes, unblocked
Transfer Rate: 47K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution Method: End user, OEM
Number Installed to Date: 500-1,000
Date First Installed: 1973

MEMODYNE CORP.

765-BEP
Tape Speed: 20 in./sec
Recording Density: 800 bit/in.
Data Tracks: 2
Drive Mechanism: Dual motor
Streaming Capability: No
Price: \$1,275
Number Installed to Date: 10,000-50,000
Date First Installed: 1975

MEMTEC

250 B
Tape Speed: 40 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in.
Data Tracks: 1
Capacity: 315M bytes, blocked
Transfer Rate: 32K bit/sec
Media Width: 15 in.
Drive Mechanism: Dual motor
Streaming Capability: Yes
Price: \$300
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: 1972
(See Vendor Profile Page V-23)

MEMTEC

250 BH
Tape Speed: 40 in./sec
Recording Density: 200 bit/in., 556 bit/in., 800 bit/in.
Data Tracks: 1
Capacity: 315M bytes, blocked
Transfer Rate: 32K bit/sec
Media Width: 15 in.
Drive Mechanism: Dual motor

Streaming Capability: Yes
Price: \$900
Distribution Method: OEM
Number Installed to Date: 5,000-10,000
Date First Installed: 1977

MICRODATA CORP.

2686-DUAL DENSITY MAG TAPE DRIVE
Compatibility: Microdata 47, Sequel VMS, Sovereign
Tape Speed: 45 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 1,600K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Tension arm
Streaming Capability: No
Price: \$2,000
Distribution Method: End user, Third-party
Number Installed to Date: 5,000-10,000
Date First Installed: November 1973

MITRON SYSTEMS CORP.

STD 1600
Compatibility: IBM
Tape Speed: 25 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 40M bytes, blocked
Transfer Rate: 40K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$11,750
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: April 1980
(See Vendor Profile Page V-00)

NCR CORP.

6325-0101
Compatibility: NCR 9300, NCR V Series
Tape Speed: 45 in./sec
Recording Density: 800 bit/in., 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 72K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$16,900
Distribution Method: End user
Date First Installed: July 1983
(See Vendor Profile Page V-00)

NIXDORF COMPUTER CORP.

#18
Compatibility: Nixdorf 8850/600
Tape Speed: 45 in./sec
Recording Density: 800 bit/in.
Data Tracks: 9
Capacity: 1M bytes, unblocked
Transfer Rate: 36K bit/sec
Streaming Capability: No
Price: \$13,330
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: 1980
(See Vendor Profile Page V-00)

NIXDORF COMPUTER CORP.

6330
Compatibility: Nixdorf 8860
Tape Speed: 45 in./sec

Recording Density: 800 bit/in.
Data Tracks: 9
Capacity: 20M bytes, blocked
Transfer Rate: 20K bit/sec
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$10,190
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: 1978
(See Vendor Profile Page V-00)

NIXDORF COMPUTER CORP.

6332
Compatibility: Nixdorf 8860
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 30M bytes, blocked
Transfer Rate: 40K bit/sec
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$12,700
Distribution Method: End user
Number Installed to Date: 500-1,000
Date First Installed: 1978
(See Vendor Profile Page V-00)

NIXDORF COMPUTER CORP.

8401
Compatibility: Nixdorf 8870
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Transfer Rate: 40K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$14,000
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-00)

NIXDORF COMPUTER CORP.

8402
Compatibility: Nixdorf 8870
Tape Speed: 45 in./sec
Recording Density: 800 bit/in.
Data Tracks: 9
Transfer Rate: 36K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$14,000
Distribution Method: End user
Date First Installed: 1979

NIXDORF COMPUTER CORP.

8409
Compatibility: Nixdorf 8890
Tape Speed: 20 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Streaming Capability: Yes
Price: \$8,765
Distribution Method: End user

NIXDORF COMPUTER CORP.

8706
Compatibility: Nixdorf 8845
Tape Speed: 45 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Transfer Rate: 72K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$16,120
Distribution Method: End user
Date First Installed: February 1982

NIXDORF COMPUTER CORP.

8708
Compatibility: Nixdorf 8845
Tape Speed: 45 in./sec
Recording Density: 800 bit/in.
Data Tracks: 9
Capacity: 19M bytes, unblocked
Transfer Rate: 36K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$13,350
Distribution Method: End user
Date First Installed: February 1982

NORTHERN TELECOM

COOK ELECTRIC TAPE DRIVE
Tape Speed: 25 in./sec
Recording Density: 800 bit/in.
Data Tracks: 9
Capacity: 30M bytes, blocked
Transfer Rate: 20K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Multi-motor
Streaming Capability: No
Price: \$6,200 to \$7,500
Distribution Method: OEM
Date First Installed: January 1976
(See Vendor Profile Page V-27)

NORTHERN TELECOM

COOK ELECTRIC TAPE DRIVE
2216
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 30M bytes, blocked
Transfer Rate: 40K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Multi-motor
Streaming Capability: No
Price: \$7,000
Distribution Method: OEM
Date First Installed: January 1980

PERTEC COMPUTER CORP.

T6000
Tape Speed: 45 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$5,380
Distribution Method: OEM
Number Installed to Date: 26,000
Date First Installed: January 1969
(See Vendor Profile Page V-28)

PERTEC COMPUTER CORP.

T7000
Tape Speed: 25 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Capacity: 11M bytes, blocked
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$3,800
Distribution Method: OEM
Number Installed to Date: 21,000
Date First Installed: January 1969

PERTEC COMPUTER CORP.

T8000
Tape Speed: 45 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Media Width: 1/2 in.

Drive Mechanism: Capstan
Streaming Capability: No
Price: \$5,380
Distribution Method: OEM
Number Installed to Date: 26,000
Date First Installed: January 1973

PRIME COMPUTER, INC.

4520 MAGNETIC TAPE
SUBSYSTEM
Tape Speed: 45 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$18,000
Distribution Method: End user
Date First Installed: December 1980
(See Vendor Profile Page V-29)

PRIME COMPUTER, INC.

4527 MAGNETIC TAPE SLAVE
Tape Speed: 45 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Capacity: 46M bytes, unblocked
Transfer Rate: 72K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$13,500
Distribution Method: End user
Date First Installed: December 1980

PRIME COMPUTER, INC.

STREAMING MAG TAPE ADD-ON
4661-2250
Tape Speed: 50 in./sec
Recording Density: 1,600 bit/in.,
3,200 bit/in.
Data Tracks: 9
Capacity: 54M bytes, blocked; 92M
bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Servos
Streaming Capability: Yes
Price: \$6,500
Distribution Method: End user
Date First Installed: July 1983

PRIME COMPUTER, INC.

STREAMING MAG TAPE SYSTEM
4660-2250
Tape Speed: 50 in./sec
Recording Density: 1,600 bit/in.,
3,200 bit/in.
Data Tracks: 9
Capacity: 54M bytes, blocked; 92M
bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Servos
Streaming Capability: Yes
Price: \$11,000
Distribution Method: End user
Date First Installed: July 1983

QANTEL CORP.

5215
Compatibility: Qantel 20, 40, 64
Tape Speed: 45 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 40M bytes, blocked
Transfer Rate: 72K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$12,450
Distribution Method: Third-party

Number Installed to Date: 3,000
Date First Installed: July 1977
(See Vendor Profile Page V-30)

STORAGE TECHNOLOGY

2920 TAPE SUBSYSTEM
CORP.
Tape Speed: 50 in./sec
Recording Density: 1,600 bit/in.,
6,250 bit/in.
Data Tracks: 9
Capacity: 134M bytes, unblocked
Transfer Rate: 313K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Distribution Method: End user
Date First Installed: 1983
(See Vendor Profile Page V-33)

STRATUS COMPUTER

T101
Compatibility: Stratus 32
Tape Speed: 25 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: Yes
Price: \$9,500
Distribution Method: End user
Date First Installed: February 1982
(See Vendor Profile Page V-33)

TELEX COMPUTER

PRODUCTS, INC.
TELEX-6253-33
Plug Compatibility: Pertec
Tape Speed: 50 in./sec
Recording Density: 800 bit/in.,
1,600 bit/in., 6,250 bit/in.

Data Tracks: 9
Media Width: 1/2 in.
Drive Mechanism: Single motor/
Capstan
Streaming Capability: No
Price: \$14,635
Distribution Method: OEM
Number Installed to Date: 5,000
Date First Installed: November 1980
(See Vendor Profile Page V-36)

TEXAS INSTRUMENTS, INC.

MT 1,600 TAPE TRANSPORT
Compatibility: TI Business System
Plug Compatibility: CDC
Tape Speed: 45 in./sec
Recording Density: 1,600 bit/in.
Data Tracks: 9
Capacity: 5M bytes, unblocked
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$11,195
Distribution Method: End user,
OEM, Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-37)

U.S. DESIGN CORP.

DEI
Compatibility: DEC PDP-11
Tape Speed: 30 in./sec
Recording Density: 6,400 bit/in.
Data Tracks: 4, 7
Capacity: 20M bytes, blocked; 22M
bytes, unblocked
Transfer Rate: 192K bit/sec
Media Width: 1/4 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$2,000
Distribution Method: OEM

Remember to mention
the *Computerworld*
Buyer's Guide when
contacting vendors.

COMPUTERWORLD
BUYER'S GUIDE

Reel-to-Reel Tape Drives

Unspecified speeds

Number Installed to Date: 1,000
Date First Installed: June 1981
(See Vendor Profile Page V-00)

Tape Drives With Unspecified Tape Speeds

BURROUGHS CORP.

BS495-82
Recording Density: 800 bit/in.,
1,600 bit/in.
Data Tracks: 9
Transfer Rate: 120K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
(See Vendor Profile Page V-00)

CIPHER DATA PRODUCTS, INC.

F890 MICROSTREAMER
Recording Density: 1,600 bit/in.,
3,200 bit/in.
Data Tracks: 9
Capacity: 46M bytes, blocked; 92M
bytes, unblocked
Transfer Rate: 160K bit/sec
Media Width: 1/2 in.
Streaming Capability: Yes
Price: \$2,325
Distribution Method: OEM
Number Installed to Date: 10,000-
50,000
Date First Installed: 1979
(See Vendor Profile Page V-00)

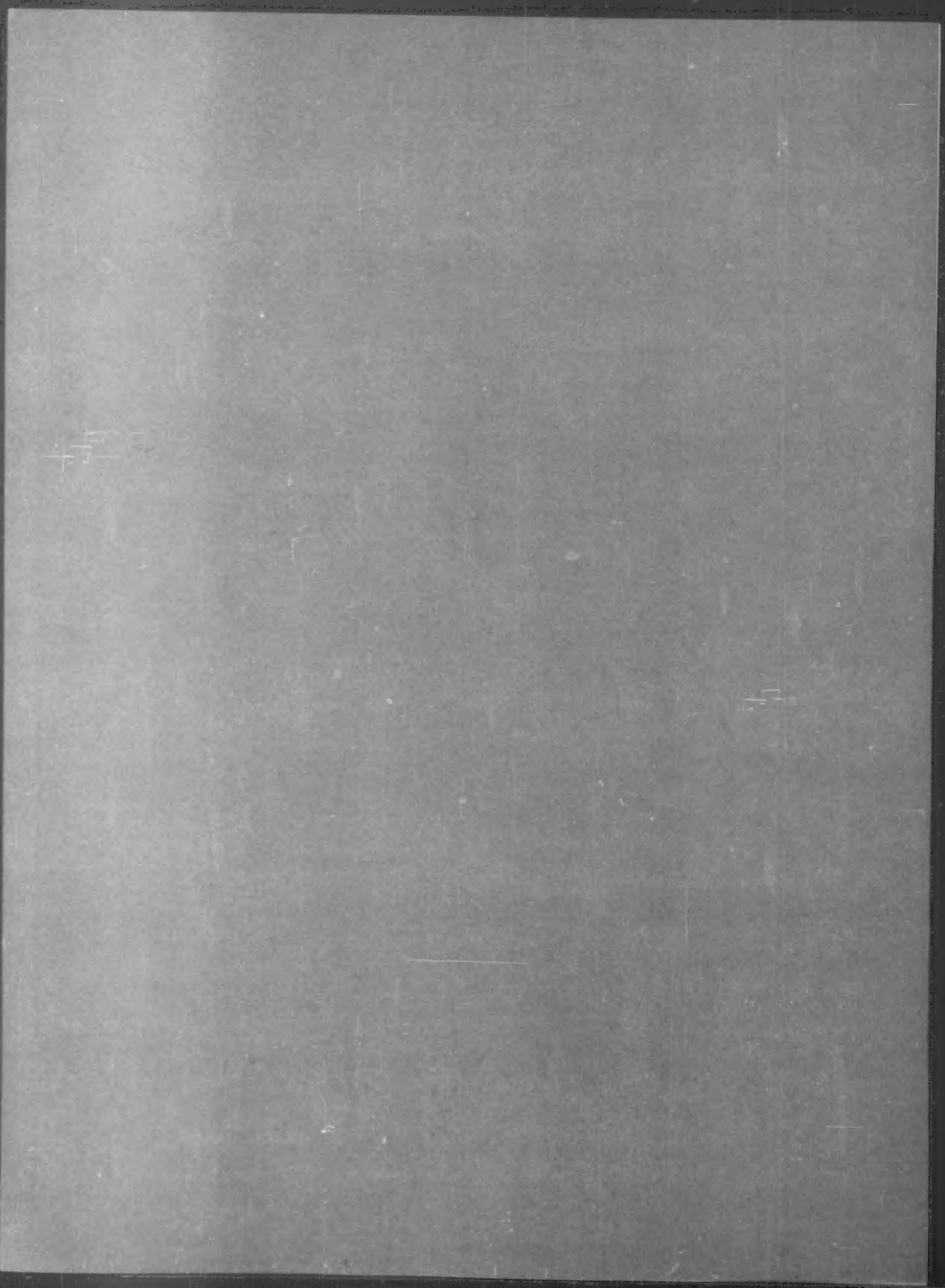
KENNEDY CO.

1600
Recording Density: 200 bit/in., 556
bit/in., 800 bit/in.
Data Tracks: 7, 9
Capacity: 11M bytes, unblocked
Transfer Rate: 2K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$6,000
Distribution Method: Third-party
Number Installed to Date: 5,000-
10,000
Date First Installed: 1967
(See Vendor Profile Page V-00)

KENNEDY CO.

1610
Recording Density: 200 bit/in., 556
bit/in., 800 bit/in.
Data Tracks: 7, 9
Capacity: 23M bytes, unblocked
Transfer Rate: 2K bit/sec
Media Width: 1/2 in.
Drive Mechanism: Capstan
Streaming Capability: No
Price: \$6,000
Distribution Method: Third-party
Number Installed to Date: 1,000-
5,000
Date First Installed: 1967

MEMORIES



Index to Memories By Device Type

The index to memory devices is designed to provide an overview of the products listed in this section of the buyer's guide and have been indexed according to whether they are add-in or add-on units. An add-in memory is a card or board that must be added to the CPU chassis, whereas an add-on memory is an external unit that is connected to the CPU by a cable. Within each category vendors are listed alphabetically with their products following in alphabetical order. In addition to the device type, the index contains information on technology used, word size (in bits), capacity (in bytes), price and the page number where the full product listing is located.

The listings for memory device listings have been divided into add-in and add-on memories and, within each category, whether they use MOS or non-MOS technology.

Add-In Memory Units

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Able Computer	SCAT/45	MOS	18	256K	\$7,425	C-102
Action Computer	DPC 183	MOS	8	96K	\$1,295	C-102
	DPC 186	MOS	16	128K	\$1,595	C-102
	DPC 816	MOS	8	128K	\$1,995	C-102
	Z DPC 180	MOS	8	64K	\$950	C-102
Advanced Logic Systems, Inc.	CP/M CARD	MOS	8	64K	\$399	C-102
Advanced Micro Devices, Inc.	AM 97/0000 SERIES-1 MEGABYTE	MOS	8	1M	\$2,995	C-102
	AM 97/0000 SERIES-128	MOS	8	128K	\$740	C-102
	AM 97/0000 SERIES-256	MOS	8	256K	\$1,250	C-102
	AM 97/0000 SERIES-32	MOS	8	32K	\$669	C-102
	AM 97/0000 SERIES-512	MOS	8	512K	\$1,599	C-102
	AM 97/0000 SERIES-64	MOS	8	64K	\$683	C-102
Alcyon, Inc.	64K OPTION	MOS	N/A	64K	\$460	C-102
	MEX.5 (512K)	MOS	16	N/A	\$1,325	C-102
Amdahl Corp.	5850/5840-32 MEG	NIMOS	128	N/A	\$640,000	C-119
	5850-64MEG	N/A	128	65.5M	N/A	C-119
AMF Logic Sciences, Inc.	1/2 MB MEMORY BOARD	MOS	8	512K	\$6,000	C-102
Andromeda Systems, Inc.	MEM11-128	MOS	16	256K	\$950	C-102
	MEM11-16	MOS	16	32K	\$450	C-102
	MEM11-32	MOS	16	64K	\$475	C-102
	MEM11-64	MOS	16	128K	\$875	C-102
Apparat, Inc.	APPARAT-256K RAM CARD-64K	MOS	8	64K	\$149	C-102
	APPARAT-512K RAM CARD-256K	MOS	8	256K	\$381	C-102
	APPARAT-512K RAM CARD-384K	MOS	8	384K	\$499	C-102
	APPARAT-512KB RAM CARD-64K	MOS	8	64K	\$189	C-102
Applied Technology Ventures, Inc.	MEMORY UPGRADE	MOS	16	512K	\$7,500	C-102
Artisec Electronics	32K STATIC RAM BOARD	MOS	8	32K	\$289	C-102
	64K DYNAMIC RAMCARD	MOS	8	N/A	\$195	C-102
	MULTI MEMORY BOARD	MOS	8	32K	\$193	C-102
AST Research, Inc.	COMBO PLUS	MOS	16	256K	\$395	C-103
	DISK ++	MOS	16	512K	\$655	C-103
	MEGA PLUS II	MOS	16	512K	\$395	C-103
	MP SERIES	MOS	16	256K	\$295	C-103
Astronautics Corp. of America	EPROM-2K INCREMENTS	MOS	8	2K	N/A	C-103
	RAM-2K INCREMENTS	MOS	8	2K	N/A	C-103
Axon, Inc.	RAM DISK 128	MOS	8	128K	\$380	C-103
	RAM POWER 32	MOS	8	32K	\$80	C-103
	RAM POWER 48	MOS	8	48K	\$150	C-103
	RAM POWER 128	MOS	8	128K	\$380	C-103
Bubbl-Tec	BBC-128	Bubble	8	128K	\$1,600	C-119
	GBI-1	Bubble	8	128K	\$1,300	C-119
	GBM-1	Bubble	8	32K	\$700	C-119
	MBI-1	Bubble	8	512K	\$3,100	C-119
	PBB-1	Bubble	8	256K	\$1,900	C-119
	PBC-1	Bubble	8	128K	\$500	C-119

Memory Index

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Bubble-Tec	OBC-11/02	Bubble	8	128K	\$750.	C-119
	QB-11	Bubble	8	512K	\$3,500.	C-119
	OSB-11	Bubble	8	120K	\$1,700.	C-119
	VBI-1	Bubble	16	1M	\$6,400.	C-119
	VMI-1	Bubble	16	256K	\$1,900.	C-119
California Computer Systems	2066-01	MOS	8	64K	\$420.	C-103
	2116-01	MOS	8	16K	\$345.	C-103
	2256-01	MOS	N/A	256K	\$895.	C-103
	8220-02	MOS	8	192K	\$995.	C-103
	2256	MOS	8	256K	N/A.	C-103
California Minicomputer	2066	MOS	8	64K	N/A.	C-103
	64K DRAM-A	MOS	32	1M	\$7,000.	C-103
Cambex Corp.	64K DRAM-B	MOS	32	2M	\$1,100.	C-103
	STOR/3000	MOS	64	12.2M	\$8,500.	C-103
	SUPER STOR 11M	MOS	16	1M	N/A.	C-103
	SUPER STOR 700	MOS	32	1M	\$2,395.	C-103
Central Data Corp.	B1014	MOS	8	128K	\$245.	C-103
	B1020	MOS	8	128K	N/A.	C-103
	B1020/128K	MOS	8	128K	\$915.	C-103
	B1020/32K	MOS	8	32K	\$690.	C-104
	B1020/64K	MOS	8	64K	\$765.	C-104
	B1020/96K	MOS	8	96K	\$840.	C-104
	B1027	MOS	8	512K	N/A.	C-104
	B1027/128K	MOS	8	128K	\$1,515.	C-104
	B1027/256K	MOS	8	256K	\$1,780.	C-104
	B1027/384K	MOS	8	384K	\$2,045.	C-104
	B1027/512K	MOS	8	512K	\$2,300.	C-104
	B1035	CMOS	8	128K	N/A.	C-119
	B1035 EPROM/RAM/EEPROM	CMOS	8	N/A	\$715.	C-119
	B1035/128K	CMOS	8	128K	\$2,410.	C-119
	B1035/32K	CMOS	8	32K	\$945.	C-119
	B1040	MOS	8	512K	N/A.	C-104
	B1040/128K	MOS	8	128K	\$1,195.	C-104
	B1040/256K	MOS	8	256K	\$1,410.	C-104
	B1040/384K	MOS	8	384K	\$1,630.	C-104
	B1040/512K	MOS	8	512K	\$1,845.	C-104
Christin Industries, Inc.	CI-PCM	MOS	16	256K	\$395.	C-104
	CI-PCM4	MOS	8	512K	\$795.	C-104
	CI-S100	MOS	8	64K	\$250.	C-104
	CI-1123	MOS	16	256K	\$495.	C-104
	CI-1123+	MOS	16	1M	\$595.	C-104
	CI-8086	MOS	8	4M	\$895.	C-104
	CI-8086E	MOS	8	4M	\$1,495.	C-104
	68 RAM-0002	MOS	16	256K	\$1,600.	C-104
	256K MEMORY EXPANSION	MOS	8	256K	\$445.	C-104
	Comark Corp.	MOS	12	32K	\$650.	C-104
CIE Systems, Inc.	MR 80	MOS	16	128K	\$695.	C-104
	MR 86	MOS	16	500K	\$1,395.	C-104
	MR 86	MOS	16	128K	\$8,000.	C-104
Communication Mfg. Co.	214982-504	MOS	8	512K	\$823.	C-105
	214982-501	MOS	8	128K	\$587.	C-105
	214982-502	MOS	8	256K	\$565.	C-105
	214982-502	MOS	8	256K	\$565.	C-105
Compugraphic Corp.	RAM-17	MOS	8	64K	\$599.	C-105
	RAM-21	MOS	8	128K	\$1,350.	C-105
	RAM-22	MOS	8	256K	\$1,795.	C-105
Computer Automation, Inc.	44009	MOS	16	128K	\$1,325.	C-105
	53775	MOS	16	128K	\$1,600.	C-105
	53819	MOS	16	128K	\$3,000.	C-105
	53909	MOS	16	1M	\$3,900.	C-105
	5820/116	MOS	8	1M	\$7,250.	C-105
Computer Consoles, Inc.	5820/117	MOS	8	2M	\$7,250.	C-105
	5820/117	MOS	8	2M	\$7,250.	C-105
	5820/117	MOS	8	2M	\$7,250.	C-105
Computer Equipment Services	CP-AIMS SERIES 80	MOS	64	16M	\$8,000.	C-105
	VM 816	MOS	12	16K	\$1,025.	C-105
	VM 832	MOS	12	32K	\$1,450.	C-105
	VM 8128	MOS	12	128K	\$2,500.	C-105
	VML 1128P	MOS	16	64K	\$995.	C-105
Computer Extension System, Inc.	VRL 11	MOS	16	8K	\$425.	C-105
	S832	MOS	8	32K	\$325.	C-119
	S849	Bipolar	8	2K	\$125.	C-106
	192K MEMORY BOARD	MOS	8	64K	\$185.	C-106
	18251-2	MOS	60	2.4M	\$25,000.	C-105
Contemporary Control Systems	18651-1	MOS	60	2M	\$160,000.	C-105
	18651-4	MOS	60	4M	\$175,000.	C-105
	19351-4	MOS	60	4M	\$100,000.	C-105
	18251-4	MOS	60	4M	\$50,000.	C-105
	18751-1	Bipolar	60	2M	\$320,000.	C-119
Control Systems, Inc.	18251-2	MOS	60	2.4M	\$25,000.	C-105
	18651-1	MOS	60	2M	\$160,000.	C-105
Control Data Corp.	18651-4	MOS	60	4M	\$175,000.	C-105
	19351-4	MOS	60	4M	\$100,000.	C-105
Control Data Corp.	18251-4	MOS	60	4M	\$50,000.	C-105
	18751-1	Bipolar	60	2M	\$320,000.	C-119

Memory Index

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Cromemco, Inc.	16KZ	CMOS	8	16K	\$495	C-119
	64KZ	CMOS	8	64K	\$695	C-120
	256KZ	CMOS	16	256K	\$1,295	C-120
	512MSU	CMOS	16	512K	\$2,995	C-120
Cyberchron Corp.	CDM-7703	MOS	16	256K	\$495	C-106
	CDM-8223	MOS	16	1M	\$1,995	C-106
	CSM-8322	MOS/CMOS	N/A	128K	\$650	C-106
Data General Corp.	8384	MOS	16	32K	\$3,475	C-106
	8385	MOS	16	64K	\$4,130	C-106
	8386	MOS	16	128K	\$3,800	C-106
	8387	MOS	16	256K	\$6,600	C-106
	8736-N	MOS	18	256K	\$2,000	C-106
	8736-R	MOS	18	256K	\$3,000	C-106
	ECLIPSE MV/1000 SYS MEMORY	MOS	32	16K	\$72,000	C-106
	ECLIPSE MV/8000 II	MOS	32	8K	\$36,000	C-106
	MV/4000 MEMORY MODULE	MOS	32	2M	\$9,000	C-106
	S/140 MEMORY MODULE	MOS	16	1M	\$9,500	C-106
	S/280 MEMORY MODULE	MOS	32	2M	\$4,900	C-106
Datamac Peripheral Products	IDM-16 ADD-IN	MOS	16	16K	\$50	C-106
Dataram Corp.	DR-14S	MOS	16	256K	\$1,445	C-106
	DR-70S	MOS	16	512K	\$9,860	C-106
	DR-114	Magnetic Core	16	64K	\$3,340	C-120
	DR-114M	Magnetic Core	16	64K	\$3,340	C-120
	DR-114SP	MOS	16	256K	\$1,545	C-106
	DR-115	Magnetic Core	16	32K	\$2,035	C-120
	DR-118	Magnetic Core	12	16K	\$2,335	C-120
	DR-118A	Magnetic Core	12	32K	\$3,085	C-120
	DR-120	MOS	32	256K	\$4,835	C-106
	DR-123	Magnetic Core	N/A	32K	\$2,030	C-120
	DR-124	Magnetic Core	N/A	32K	\$2,030	C-120
	DR-128	Magnetic Core	8	256K	\$7,865	C-120
	DR-144	MOS	16	256K	\$1,700	C-106
	DR-175	MOS	32	256K	\$1,045	C-106
	DR-178	MOS	32	512K	N/A	C-106
	DR-213	MOS	16	1M	\$2,745	C-106
	DR-214	MOS	N/A	1M	\$2,755	C-106
	DR-215	MOS	16	256K	\$1,075	C-106
	DR-225	MOS	16	1M	\$8,250	C-106
	DR-240	MOS	16	1M	\$5,385	C-106
	DR-244	MOS	N/A	1M	\$3,020	C-107
	DR-275	MOS	32	1M	\$3,135	C-107
	DR-278	MOS	32	2M	\$4,815	C-107
	DR-330	MOS	32	2M	\$10,600	C-107
	DR-680	MOS	16	1M	\$4,200	C-107
	DR-716	Magnetic Core	16	32K	\$2,445	C-120
	DR-717	Magnetic Core	16	64K	\$3,980	C-120
	DR-1200	Magnetic Core	16	32K	\$2,155	C-120
	DR-1235	MOS	16	256K	\$2,970	C-107
Data Storage Technology	DS11-256	MOS	16	256K	\$1,200	C-107
	DS11BA-KE	MOS	16	1M	\$3,000	C-107
	DSV11-256	MOS	16	256K	\$550	C-107
	DSV11-64	MOS	16	64K	\$350	C-107
Davong Systems, Inc.	DEC ADD-IN MEMORY	MOS	8	256K	\$549	C-107
	EX	MOS	8	256K	\$696	C-107
Denelcor, Inc.	ECL MEMORY, 1000	ECL	64	1M	\$175,000	C-120
	MOS MEMORY, 6MB	MOS	64	8M	\$200,000	C-107
Digidyne Corp.	D2128	MOS	16	128K	\$1,100	C-107
	D2256	MOS	16	256K	\$1,975	C-107
Digital Data Systems, Inc.	DDS 22A	MOS	16	512K	\$1,365	C-107
	DDS 34B	MOS	18	1M	\$2,130	C-107
	DDS 55A	MOS	16	1M	\$2,900	C-107
	DDS 238S	MOS	16	1M	\$5,000	C-107
	DDS 386	MOS	72	1M	\$3,100	C-107
	DDS 389	MOS	72	2M	\$4,400	C-107
	DDS 992	MOS	16	1,000M	\$8,000	C-107
	DDS 995	MOS	16	1M	\$8,000	C-107
	DDS 998	MOS	16	256K	\$3,000	C-107
	DG 236	MOS	16	512G	\$8,000	C-107
	MV 6000/8000	MOS	N/A	1M	\$5,700	C-108
Digital Equipment Corp.	MS11	MOS	16	1M	\$4,900	C-108
	MS730C	MOS	32	256K	\$4,900	C-108
	MS750C	MOS	32	256K	\$4,900	C-108
	MS780-FA	MOS	32	2M	\$9,000	C-108
	MSV11-DD	MOS	16	64K	\$500	C-108
Display Data Corp.	8101	MOS	8	64K	\$2,000	C-108
D & N Micro Products, Inc.	64KCMOS-MEM	CMOS	8	64K	\$500	C-120

Memory Index

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Docutel Olivetti Corp.	32K	MOS	16	32K	\$200	C-108
	128K	MOS	16	128K	\$600	C-108
	CMAN 16	CMOS	16	16K	\$595	C-120
	CMAN 32	CMOS	16	32K	\$695	C-120
Dual Systems Corp.	DMAN	NMOS	16	256K	\$1,295	C-120
	EPROM	MOS	16	64K	N/A	C-108
	512K MEMORY CARD	MOS	8	2M	\$2,500	C-108
	BUBBLE MEMORY	Bubble	4	15M	\$320,000	C-120
Elite Corp.	MEGABYTE	Magnetic Core	8	15M	\$220,000	C-120
	SEMS-16	Magnetic Core	18	32K	\$7,000	C-120
	SEMS-20	Magnetic Core	18	64K	\$9,000	C-120
	SEMS-21	Magnetic Core	18	128K	\$12,000	C-120
ETI Micro	8104	MOS	8	128K	\$560	C-108
	WKBP-4	MOS	16	1M	N/A	C-108
	WMAF-1	MOS	16	128K	\$1,750	C-108
	WMAZ-4	MOS	16	512K	\$3,500	C-108
Eventide, Inc.	003A	MOS	48	384K	\$9,000	C-108
	003B	MOS	48	768K	\$12,500	C-108
	003D	MOS	48	3M	\$35,000	C-108
	003E	MOS	48	6.1M	\$60,000	C-108
Harris Corp.	2003C	MOS	48	1.5M	\$18,500	C-108
	WH 88-16	MOS	8	64K	\$115	C-108
	Z 205	MOS	16	256K	\$900	C-108
	30418AR	MOS	16	1M	\$12,000	C-108
Hewlett-Packard Co.	30078AR	MOS	16	128K	\$2,500	C-108
	30008BR	MOS	16	256K	\$3,750	C-108
	12789B	NMOS	16	256K	\$6,320	C-121
	13307B	NMOS	16	N/A	\$530	C-121
Heath Co.	12892B	NMOS	16	N/A	\$530	C-121
	12731B	NMOS	16	N/A	\$1,065	C-121
	12780H	NMOS	16	512K	\$2,405	C-121
	12749H	NMOS	16	512K	\$5,005	C-121
Honeywell, Inc.	12699H	NMOS	16	256K	\$2,510	C-121
	12747H	NMOS	16	128K	\$1,905	C-121
	12748H	NMOS	16	64K	\$1,505	C-121
	12788H	NMOS	16	2M	\$18,020	C-121
Honeywell, Inc.	12788A	NMOS	16	128K	\$3,530	C-121
	12787D	NMOS	16	1M	\$17,420	C-121
	12786D	NMOS	16	1M	\$13,320	C-121
	12003A	NMOS	16	128K	\$1,510	C-121
Honeywell, Inc.	12002B	NMOS	16	512K	\$3,510	C-121
	12002A	NMOS	16	128K	\$1,710	C-121
	12220C	NMOS	16	3M	\$16,000	C-121
	12104C	NMOS	16	2M	\$13,000	C-121
Honeywell, Inc.	12103F	NMOS	16	4M	\$16,000	C-121
	12103D	NMOS	16	1M	\$4,500	C-121
	97040A	NMOS	32	256K	\$3,000	C-121
	CMC 9802	MOS	16	384K	\$1,200	C-109
Honeywell, Inc.	CMM 9030	MOS	16	256K	\$1,750	C-109
	CMM 9802	MOS	16	512K	\$3,500	C-109
	CMM 9654	MOS	16	1024K	\$12,000	C-109
	CMC 9690	MOS	32	2048K	\$24,000	C-109
Honeywell, Inc.	CMM 8001	NMOS	36	32M	\$640,000	C-109
	CMM 8020	MOS	36	64M	\$1,600,000	C-108
	CMM 8816	MOS	36	128M	\$3,200,000	C-108
	3422	MOS	8	320K	\$8,600	C-108
ICL, Inc.	MPR SERIES	N/A	8	256K	\$449	C-121
	XPR-X SERIES	N/A	8	256K	\$539	C-121
	XPR-XX SERIES	N/A	8	256K	\$569	C-121
	XPR-XXX SERIES	N/A	8	256K	\$599	C-121
IDE Associates, Inc.	9000	MOS	32	16M	N/A	C-109
	EMS	MOS	16	2M	\$22,200	C-109
	1303-1/1360	Semiconductor	8	40K	\$4,000	C-121
	128K MEMORY MODULE	MOS	16	128K	N/A	C-109
Infotecs, Inc.	384K MEMORY MODULE	MOS	16	384K	N/A	C-109
	AM 25, AM 31	MOS	N/A	8K	\$500	C-109
	AM 30	MOS	N/A	32K	\$2,500	C-109
	AM 35	MOS	N/A	64K	\$1,100	C-109
Integrated Digital Products	AM 45/45B	MOS	N/A	128K	\$1,895	C-109
	MINIMATE	MOS	16	2M	N/A	C-109
	ISBC 028A	MOS	8	128K	N/A	C-109
	ISBC 032A	MOS	8	32K	N/A	C-109
Intel Corp.	ISBC 056A	MOS	8	256K	N/A	C-109
	ISBC 064 RAM MEMORY BOARD	MOS	8	64K	N/A	C-109
	ISBC 064A	MOS	8	64K	N/A	C-109
	ISBC 341	MOS	8	64K	N/A	C-109

Memory Index

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Intel Corp.	ISBC 428 UNIVERSAL EXPANSION	MOS	8	512K	N/A	C-109
	ISBC 464 EPROM EXPANSION BOARD	MOS	8	64K	N/A	C-109
Interface Electronics, Inc.	OASIS	MOS	16	256K	\$2,500	C-109
International Antex, Inc.	5000	MOS	8	547K	\$1,200	C-109
	8211	MOS	8	64K	\$265	C-109
	8212	MOS	8	64K	\$295	C-110
Intersil Systems, Inc.	IBM 370 SERIES 158	CMOS	N/A	16M	N/A	C-121
	IBM 370 SERIES 168	NMOS	N/A	16M	N/A	C-121
	IBM 3000/3031	NMOS	N/A	16M	N/A	C-121
	IBM 3000/3032	NMOS	N/A	16M	N/A	C-121
	IBM 3000/3033	NMOS	N/A	32M	N/A	C-122
	IMC-3 SERIES	MOS	16	256K	\$1,500	C-110
	IMC-11/23	CMOS	16	32K	\$575	C-122
	ISB-3216	CMOS	8	16K	\$514	C-122
	ISB-3218	NMOS	8	16K	\$328	C-122
	ISB-3220	CMOS	8	16K	\$486	C-122
	ISB-3240	MOS	8	64K	\$429	C-110
	MCB-332	CMOS	8	32K	\$875	C-122
	MCB-364	CMOS	8	64K	\$1,035	C-122
	MCB-512	MOS	8	512K	\$1,570	C-110
	MCB-512X/2 MEG	MOS	8	2M	\$2,000	C-110
IPL Systems, Inc.	1601	MOS	32	1M	\$10,000	C-110
Ithaca Intersystems	256KDR	Bipolar	16	256K	\$1,500	C-122
Locom Corp.	IBM 370/158	MOS	64	7.6M	N/A	C-110
	IBM 370/168	MOS	64	12.2M	N/A	C-110
	IBM 3031	MOS	64	6.1M	N/A	C-110
	IBM 3032	MOS	64	12.2M	N/A	C-110
	IBM 3033	MOS	64	24.5M	N/A	C-110
Lomas Data Products, Inc.	DYNAMIC	MOS	8	256K	\$795	C-110
	STATIC	CMOS	8	128K	\$1,200	C-122
Macrolink	2/1 MEGABYTE MEMORY EXPANSION	MOS	39	2M	N/A	C-110
	512KB/256KB	MOS	39	512K	N/A	C-110
	732 256KB MEMORY MODULE	MOS	32	256K	N/A	C-110
Macrotech International Corp.	128-ST	CMOS	8	128K	\$1,232	C-122
	MAX-M	MOS	8	1M	\$2,449	C-110
	MAX-256	MOS	8	256K	N/A	C-110
	MAX-384	MOS	8	384K	\$1,464	C-110
	MAX-512	MOS	8	512K	\$8,303	C-110
	MAX-640	MOS	8	640K	\$2,028	C-110
	MAX-768	MOS	8	768K	\$2,165	C-110
	MAX-896	MOS	8	896K	\$2,307	C-110
Magnuson Computer Systems, Inc.	4500	MOS	32	1M	\$10,000	C-110
	4600	MOS	32	1M	\$10,000	C-110
Masscomp	ME-510	MOS	32	1M	\$5,000	C-111
	MEX-515	MOS	32	1.5M	\$7,300	C-111
	MEX-525	MOS	32	2.5M	\$12,200	C-111
	MEX-535	MOS	32	3.5M	\$17,100	C-111
	MEX-545	MOS	32	4.5M	\$22,000	C-111
	MEX-555	MOS	32	5.5M	\$26,000	C-111
Measurement Systems & Controls	DMB-6400	MOS	8	64K	\$695	C-111
	HDM-2800	MOS	8	128K	\$1,295	C-111
	HDMC-2MEG	MOS	16	2M	\$2,400	C-111
	HDMC-512	MOS	16	512K	\$2,400	C-111
Memory Merchant	MM16K14	MOS	8	16K	\$198	C-111
	MM65K16S	MOS	8	64K	\$529	C-111
Microbar Systems, Inc.	DUAL BUS RAM BOARD DBR50-128K	MOS	8	128K	\$1,455	C-111
	DUAL BUS RAM BOARD-256K	MOS	8	256K	\$1,715	C-111
	DUAL BUS RAM BOARD-512K	MOS	8	512K	\$2,275	C-111
Microdata Corp.	REALITY 4700 SERIES	MOS	8	512K	N/A	C-111
	SEQUENT VMS 3200	MOS	32	4M	N/A	C-111
	SOVEREIGN SERIES 7000	MOS	16	14.3M	N/A	C-111
Micro Memory, Inc.	MM-1103	Magnetic Core	16	16K	\$990	C-122
	MM-1103/2	Magnetic Core	16	N/A	\$1,350	C-122
	MM-1103C	CMOS	16	32K	\$650	C-122
	MM-1103D	MOS	16	256K	\$650	C-111
	MM-1123C	CMOS	16	64K	\$875	C-122
	MM-6800	Magnetic Core	8	8K	\$725	C-122
	MM-6800/16	Magnetic Core	8	16K	\$849	C-122
	MM-6800C	CMOS	8	32K	\$595	C-122
	MM-6800CT	CMOS	8	32K	\$650	C-122
	MM-6800D 512KB	CMOS	16	512K	\$1,150	C-122
	MM-6800D 64KB	MOS	8	64K	\$350	C-111
	MM-8000C	CMOS	8	128K	\$895	C-122
	MM-8080/16	Magnetic Core	8	16K	\$849	C-122
	MM-8080B	Magnetic Core	8	8K	\$790	C-122
	MM-8086	Magnetic Core	8	32K	\$1,275	C-122

Memory Index

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Micro Memory, Inc.	MM-8086/16	Magnetic Core	8	16K	\$875	C-123
	MM-8086C	MOS	8	64K	\$825	C-111
	MM-8086D	MOS	8	512K	\$895	C-111
	MM-8086E	MOS	8	512K	\$1,495	C-111
	MM-88000C	CMOS	16	128K	\$1,295	C-122
Microproducts	1040	Bipolar	N/A	12K	\$100	C-123
Microsoft	APPLE II RAM CARD	MOS	8	16K	\$100	C-111
	PC RAM CARD	MOS	8	256K	\$350	C-111
	SYSTEM CARD	MOS	8	256K	\$395	C-112
Mini-Computer Systems, Inc.	MICOS ILO 128	MOS	16	128K	\$6,675	C-112
	MICOS ILO 256	MOS	16	256K	\$7,500	C-112
	MICOS ILO 512	MOS	16	512K	\$9,500	C-112
Monolithic Systems Corp.	MSC 3610	MOS	N/A	256K	\$615	C-112
	MSC 3612	MOS	N/A	256K	\$1,036	C-112
	MSC 3812	MOS	N/A	1M	\$2,250	C-112
	MSC 4806	MOS	N/A	256K	\$771	C-112
Morrow Designs, Inc.	64K STATIC RAM BOARD	MOS	8	64K	\$500	C-112
	256K DYNAMIC RAM BOARD	MOS	8	256K	\$1,000	C-112
Mostek Corp.	MK8003	MOS	16	256K	\$3,000	C-112
	MK8015	MOS	16	256K	\$1,280	C-112
	MK8016	MOS	N/A	512K	\$1,400	C-112
	MK8018	MOS	16	256K	\$2,800	C-112
	MK8022	MOS	16	256K	\$890	C-112
	MK8024	MOS	16	256K	\$5,180	C-112
	MK8033	MOS	32	1M	\$6,500	C-112
	MK8035	MOS	32	512K	\$10,500	C-112
	MK8044	MOS	32	1M	\$2,360	C-112
	MK8064	MOS	N/A	1M	\$6,415	C-112
	MK8075	MOS	32	512K	\$1,090	C-112
	MK8200	MOS	64	64M	\$140,000	C-112
	MMS 1132	MOS	16	256K	\$800	C-112
	MMS 8512E	MOS	16	512K	\$2,035	C-112
MPC Peripherals Corp.	MMS 8701	MOS	12	256K	\$890	C-112
	AP-EP	MOS	N/A	32K	N/A	C-112
	AP-16 16K	MOS	N/A	64K	N/A	C-112
	AT-32 32K	MOS	N/A	32K	N/A	C-112
	BUBDISK 128K	MOS	N/A	128K	N/A	C-113
Mylee Digital Sciences, Inc.	RAMTEXT 64K	MOS	N/A	64K	N/A	C-113
	3603 96K MEMORY BOARD	MOS	16	96K	\$3,150	C-113
	HORIZ. CONTROL STORE	Semiconductor	N/A	16K	N/A	C-123
Nanodata Computer Corp.	MAIN STORE	Semiconductor	18	N/A	N/A	C-123
	VERTICAL CONTROL STORE	Semiconductor	18	N/A	N/A	C-123
National Semiconductor Corp.	NS11L	MOS	16	256K	\$785	C-113
	NS11U	MOS	16	1M	\$1,895	C-113
	NS23L	MOS	16	64K	\$325	C-113
	NS23M	MOS	16	256K	\$525	C-113
	NS23R	MOS	16	1M	\$1,995	C-113
	NS44F	MOS	16	512K	\$1,350	C-113
	NS70/75	MOS	32	256K	\$895	C-113
	NS753	MOS	32	1M	\$1,895	C-113
	NS780	MOS	64	512K	\$1,225	C-113
	NCR 23C64	MOS	N/A	64K	N/A	C-113
	NCR 1400	MOS	N/A	425K	N/A	C-113
	NCR 2051	MOS	N/A	64K	N/A	C-113
	NCR 2055	MOS	N/A	64K	N/A	C-113
	NCR 2264	MOS	N/A	8K	N/A	C-113
NCR Corp.	NCR 2316	MOS	N/A	16K	N/A	C-113
	NCR 2332	MOS	N/A	32K	N/A	C-113
	NCR 2333	MOS	N/A	32K	N/A	C-113
	NCR 2364	MOS	N/A	64K	N/A	C-113
	NCR 3400	MOS	N/A	4K	N/A	C-113
	NCR 7033	MOS	N/A	42K	N/A	C-113
	NCR 23128	MOS	N/A	128K	N/A	C-113
	NCR 23256	MOS	N/A	256K	N/A	C-113
	NCR 52001	MOS	N/A	1K	N/A	C-113
	NCR 52002	MOS	N/A	2K	N/A	C-113
	NCR 52004	MOS	N/A	4K	N/A	C-113
	NCR 52210	MOS	N/A	32K	N/A	C-113
	NCR 52211	MOS	N/A	64K	N/A	C-113
	NCR 52212	MOS	N/A	1K	N/A	C-113
NEC Information Systems	NCR 52801	MOS	N/A	32K	N/A	C-113
	NCR 52832	MOS	N/A	32K	N/A	C-113
	BP0200	CMOS	16	16K	\$1,300	C-123
	BP0220	CMOS	16	16K	\$1,235	C-123
New England Digital Corp.	BP0300	MOS	16	256K	\$2,095	C-113
	MBK BOARD	MOS	16	8K	\$825	C-113

Memory Index

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
New England Digital Corp.	M32K BOARD	MOS	16	32K	\$2,500	C-114
Nixdorf Computer Corp.	8091	MOS	16	32K	\$1,500	C-114
	8094	MOS	16	128K	\$4,000	C-114
	9091	MOS	32	64K	\$8,585	C-114
	9092	MOS	32	64K	\$17,170	C-114
Norsk Data North American, Inc.	115	MOS	16	128K	\$3,500	C-114
	116	MOS	16	256K	\$5,000	C-114
	117	MOS	16	512K	\$7,100	C-114
	MULTI-PORT MEMORY 101	MOS	16	512K	\$17,000	C-114
	MULTI-PORT MEMORY 102	MOS	16	1M	\$27,000	C-114
	MULTI-PORT MEMORY 122	MOS	16	128K	\$5,000	C-114
Octagon Computer Systems	MULTI-PORT MEMORY 124	MOS	16	256K	\$10,800	C-114
	128K STATIC RAMBOARD	MOS	16	128K	\$1,095	C-114
	256K STATIC RAMBOARD	MOS	16	256K	\$1,850	C-114
Paradyne Corp.	9360	MOS	32	256K	N/A	C-114
	9360-02	MOS	32	1M	N/A	C-114
PCE Systems	BSR 64/256	MOS	8	256K	\$900	C-114
	BSR 256	MOS	8	256K	\$900	C-114
PEBX, Inc.	MECC V-11	MOS	16	256K	\$895	C-114
Phoenix Data, Inc.	MEM-1108	MOS	8	64K	\$800	C-114
Pilicon, Inc.	SR2	MOS	8	64K	\$475	C-114
	SR4C	MOS	8	64K	\$475	C-114
	SR5	MOS	8	64K	\$475	C-114
	SR25	MOS	8	128K	\$660	C-114
	SR50	MOS	8	256K	\$1,060	C-114
	SR512	MOS	8	512K	\$1,995	C-115
	SR1000-128K	MOS	8	128K	\$420	C-115
	SR1000-256K	MOS	8	256K	\$835	C-115
Plessey Microsystems	PSM 14A	MOS	8	1M	\$3,525	C-115
	PSM 512A	MOS	8	512K	\$1,200	C-115
	PSM 512P	MOS	8	512K	\$1,100	C-115
	PSM 6463	CMOS	8	64K	\$1,300	C-123
Plexus Computers	2008A	MOS	N/A	512K	\$5,500	C-115
	2009A	MOS	N/A	1M	\$9,500	C-115
	2012A	MOS	16	512K	\$5,500	C-115
	2013A	MOS	16	1M	\$9,500	C-115
Point Four Data Corp.	LOTUS CACHE MEMORY	MOS	16	1M	\$5,700	C-115
Prime Computer, Inc.	MMW1	MOS	32	1M	\$15,000	C-115
	MMW2	MOS	32	2M	\$15,500	C-115
	MMW2-2MB	MOS	32	512K	\$7,500	C-115
Quadram Corp.	QUAD 512+	MOS	8	512K	\$895	C-115
	QUADBOARD	MOS	8	256K	\$395	C-115
	QUADBOARD II	MOS	8	256K	\$595	C-115
Quadri Corp.	CORE MEMORY MODULES	Magnetic Core	8	64K	\$8,000	C-123
Quasitronics, Inc.	BWM-32	MOS	8	32K	\$170	C-115
	EERAM-32	MOS	8	4K	\$250	C-115
	EERAM-32P	MOS	8	32K	\$250	C-115
	PRM-16	MOS	8	16K	\$115	C-115
	SRAM-16	MOS	8	16K	\$130	C-115
	SRAM-16P	MOS	8	32K	\$270	C-115
Relational Memory Systems, Inc.	RMEN-16K	MOS	N/A	16K	\$466	C-115
	RMEN-32K	MOS	8	32K	\$518	C-115
	RMEN-64K	MOS	8	64K	\$640	C-116
	RMEN-128K	MOS	8	128K	\$1,376	C-116
	RMEN-256K	MOS	8	256K	\$1,480	C-116
Rexon Business Machines Corp.	128K MEMORY MODULE	MOS	16	128K	\$750	C-116
R-G-B Designs, Inc.	BCS-100	MOS	8	16K	\$49	C-116
	BCS-10200	MOS	12	192K	\$750	C-116
	MIORAM	MOS	8	256K	\$400	C-116
	SUPER RAM II	MOS	8	16K	\$78	C-116
R.H. Electronics, Inc.	ARES MODEL 2850	MOS	16	1M	\$4,900	C-116
Rlanda Electronics	1MB MEMORY CARD	MOS	32	1M	\$5,000	C-116
Ridge Computers	ACCELERATOR 2	MOS	8	64K	\$599	C-116
Saturn Systems, Inc.	NEPTUNE 64	MOS	8	64K	\$249	C-116
	NEPTUNE 128	MOS	8	128K	\$399	C-116
	NEPTUNE 192	MOS	8	192K	\$499	C-116
	SATURN RAM CARD 32	MOS	8	32K	\$219	C-116
	SATURN RAM CARD 64	MOS	8	64K	\$349	C-116
	SATURN RAM CARD 128	MOS	8	128K	\$499	C-116
	TITAN	MOS	8	576K	\$695	C-116
SMC Seigom	8660	MOS	8	128K	\$5,000	C-116
Smoke Signal Broadcasting	DPM-32	MMOS	8	32K	\$1,000	C-123
	M-32-X	MMOS	8	32K	\$395	C-123
	M-128-X	MMOS	8	256K	\$995	C-123
	M-256-X	MMOS	8	256K	\$1,295	C-123
	M-512-X	MMOS	8	512K	\$1,895	C-123

Memory Index

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Sperry Corp.	2687-98	MOS	36	2M.	\$6,400.	C-116
Synapse Computer Corp.	MSM-1000	MOS	32	1M.	\$14,000.	C-116
Synertek	SY2169	MOS	16	4096K.	N/A.	C-117
	SY2167	MOS	1	16384K.	N/A.	C-117
	SY2149H	MOS	4	1024K.	N/A.	C-117
	SY2114A	MOS	4	1024K.	N/A.	C-117
	SY2112	MOS	4	256K.	N/A.	C-117
	SY2111	MOS	4	256K.	N/A.	C-117
	SY2101	MOS	4	256K.	N/A.	C-116
	SY2161	Silicon Gate	8	1M.	N/A.	C-123
	SY2168	Silicon Gate	4	4M.	N/A.	C-123
	SY2159	Silicon Gate	N/A	1M.	N/A.	C-123
	SY2158	Silicon Gate	8	1M.	N/A.	C-123
	SY2148H	Silicon Gate	4	1M.	N/A.	C-123
	SY2147H	Silicon Gate	1	4M.	N/A.	C-123
	SY2129	Silicon Gate	8	2M.	N/A.	C-123
Systems Group	DM 6400	MOS	8	64K.	\$377.	C-117
	DMB 6400	MOS	8	64K.	\$415.	C-117
	DMB6400	MOS	8	64K.	\$415.	C-117
	HDM128	MOS	8	128K.	\$777.	C-117
	HDM 2800	MOS	8	128K.	\$777.	C-117
	HDMC 512	MOS	16	512K.	\$2,650.	C-117
	HDMC512K	MOS	16	512K.	\$2,650.	C-117
Tall Tree Systems	JRAM	MOS	8	512K.	\$800.	C-117
Tarbell Electronics	256K-ASM	MOS	8	256K.	\$1,400.	C-117
	MEM 64K-ABM	MOS	8	64K.	\$500.	C-117
Technical Micro Systems	16K RAM/32K EPROM	MOS	16	32K.	\$595.	C-117
Technico, Inc.	192K RAM BOARD	MOS	16	32K.	\$499.	C-117
	192K RAM BOARD	MOS	16	192K.	\$1,299.	C-117
Tecmar, Inc.	1ST MATE	MOS	8	256K.	\$389.	C-117
	FORGET ME NOT	CMOS	8	32K.	\$995.	C-123
TeleVideo Systems, Inc.	1603M	MOS	16	128K.	\$595.	C-117
	ADDITIONAL MEMORY RAM	MOS	8	64K.	N/A.	C-117
Toshiba America, Inc.	BAG OF CHIPS	MOS	8	64K.	\$150.	C-117
	RAMPACK 16	MOS	8	16K.	\$195.	C-117
	RAMPACK 32	MOS	8	32K.	\$295.	C-117
Trendata/Standard Memories	PINCOMM AS	MOS	16	128K.	N/A.	C-117
	PINCOMM HPS	MOS	16	512K.	\$3,000.	C-117
	PINCOMM PS	MOS	16	128K.	\$945.	C-117
	PINCOMM H6	MOS	16	64K.	\$720.	C-116
	PINCOMM 23S	MOS	8	256K.	\$970.	C-116
	PINCOMM 23S+	MOS	8	1M.	\$2,945.	C-116
	PINCOMM 24S	MOS	16	1M.	\$2,895.	C-116
	PINCOMM 44S	MOS	16	1M.	\$3,430.	C-116
	PINCOMM 70S	MOS	32	256K.	\$995.	C-116
	PINCOMM 730S	MOS	32	N/A.	\$2,800.	C-116
	PINCOMM 750S	MOS	32	256K.	\$995.	C-116
	PINCOMM 750S+	MOS	32	1M.	\$2,800.	C-116
	PINCOMM 780S	MOS	64	256K.	\$995.	C-116
	PINCOMM 780S+	MOS	64	2M.	\$4,800.	C-116
	PINCOMM 780SX	MOS	32	1M.	\$2,800.	C-116
Wespermicro Systems, Inc.	WIZARD PC MEMORY CARD	MOS	8	256K.	N/A.	C-116
Wintek Corp.	MCM81	CMOS	8	2K.	\$189.	C-123
	MRA16	MOS	8	16K.	\$299.	C-116
Xicor	X2201A NOVDRAM	MOS	4	1K.	\$15.	C-116
	X2210 NOVDRAM	MOS	4	N/A.	N/A.	C-116
	X2212 NOVDRAM	MOS	4	1K.	\$12.	C-116
	X2444 NOVDRAM	MOS	16	N/A.	N/A.	C-116
	X2804 EEPROM	MOS	N/A	4K.	\$15.	C-116
	X2816A EEPROM	MOS	8	16K.	\$28.	C-116
Zendex Corp.	ZX-012	MOS	8	512K.	\$1,690.	C-116
	ZX-012E	MOS	8	512K.	\$3,010.	C-116
	ZX-028	MOS	8	128K.	\$780.	C-116
	ZX-056	MOS	8	256K.	\$1,375.	C-116
Zilog, Inc.	512K WITH PARITY	MOS	16	512K.	\$3,450.	C-116
	512K ECC	MOS	16	512K.	N/A.	C-116
	1M	MOS	16	1M.	\$6,950.	C-116
Zitel Corp.	CM-5150	MOS	16	128K.	\$3,500.	C-116
	CM-5160-D128	MOS	16	256K.	\$4,500.	C-119
	ZBC-0512	MOS	16	512K.	\$1,400.	C-119
	ZMT-II	MOS	22	2M.	\$18,000.	C-119
	ZMT-16	MOS	22	2M.	\$18,000.	C-119
Zobex	ZM-256K	MOS	8	256K.	\$335.	C-119
	ZMS-100	MOS	8	64K.	\$395.	C-119

Memory Index

Add-On Memory Devices

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Advanced Digital Technology	VLS SERIES	MOS	8	4.5M	\$1,295	C-123
	VLSC SERIES	MOS	8	1.5M	\$1,295	C-123
Anatron, Inc.	ANSERAM	MOS	8	64K	\$595	C-123
Apple Computer, Inc.	EXTENDED 64K CARD	MOS	8	64K	\$170	C-124
Apstek, Inc.	AIC-256 MULTIFUNCTION	MOS	8	256K	\$369	C-124
	AIM-256 EXPANSION	MOS	8	256K	\$259	C-124
Axlon, Inc.	RAM DISK 320	MOS	8	320K	\$1,000	C-124
BGL Technology Corp.	SSD-301	MOS	16	300M	\$1,140	C-124
Bit 3 Computer Corp.	501	MOS	8	16K	\$89	C-124
	520	MOS	8	32K	\$70	C-124
Cambex Corp.	EXPANDA STOR II	MOS	16	3M	\$17,000	C-124
Codar Technology	Q-TIMER	CMOS	16	6K	\$675	C-127
Cray Research, Inc.	SSD-1	MOS	24	65M	N/A	C-124
	SSD-2	MOS	24	128M	N/A	C-124
	SSD-3	MOS	64	256M	N/A	C-124
CTS Fabritek, Inc.	698	TTD List Core	18	32K	N/A	C-127
	MMS 64	TTD List Core	18	64K	N/A	C-127
Dasa Corp.	DASA C-200	MOS	12	N/A	\$995	C-124
Data Engineering, Inc.	C5501	MOS	32	32K	\$4,000	C-124
	C5502	MOS	32	64K	\$5,500	C-124
	C5503	MOS	32	128K	\$9,500	C-124
	C5511	MOS	32	64K	\$4,500	C-124
	C5512	MOS	32	64K	\$6,000	C-124
	C5513	MOS	32	120K	\$10,400	C-124
Datamac Peripheral Products	CDM 64	MOS	16	64K	\$339	C-124
	CDM 128	MOS	16	128K	\$448	C-124
	CDM 192	MOS	16	192K	\$577	C-124
	CDM 256	MOS	16	256K	\$706	C-124
	DM 64	MOS	16	64K	\$249	C-124
	DM 128	MOS	N/A	128K	\$378	C-124
	DM 192	MOS	16	192K	\$507	C-124
	DM 256	MOS	16	256K	\$636	C-124
Dataram Corp.	BC-801	Magnetic Core	8	2M	\$4,665	C-128
	BS-417	MOS	32	4M	\$11,365	C-124
	BS-801	MOS	8	64M	\$10,810	C-124
Digicom Research Corp.	1/4 MEG MEMORY BOARD 128	NMOS	8	128K	\$1,195	C-128
	1/4 MEG MEMORY BOARD 256	NMOS	8	256K	\$1,395	C-128
	1/4 MEG MEMORY BOARD 64	NMOS	8	64K	\$995	C-128
Digital Interface Systems, Inc.	990-110	MOS	16	24K	\$600	C-124
Dynabyte	256K RAM BOARD	MOS	8	256K	\$995	C-125
Edge Technology	MH1/CPU	MOS	N/A	22K	\$2,100	C-125
Electro-Design, Inc.	RAM +4	MOS	8	256K	\$450	C-125
ETR Star Systems	SUPERSTAR	MOS	8	128K	\$295	C-125
General Robotics Corp.	MLV-11	MOS	16	128K	\$1,000	C-125
	MSV-11	MOS	16	64K	\$500	C-125
	MSV-11Q	MOS	16	1M	\$2,500	C-125
Independent Business Systems	SLAVENET 64	MOS	8	64K	N/A	C-125
Intel Corp.	INTEL 3800 MEMORY SYSTEM	MOS	8	64K	N/A	C-125
Intermem Corp.	INTERMEM 8330 MEMORY SYSTEM	MOS	64	256K	\$825,000	C-125
	INTERMEM 8640 MEMORY SYSTEM	MOS	60	16M	\$400,000	C-125
Legend Industries, Ltd.	18 SRC	CMOS	8	18K	\$150	C-128
	64KC RAM	LSI	8	64K	\$327	C-128
	128KDE	N/A	8	128K	\$599	C-128
	S/CARD	LSI	8	1M	\$399	C-128
LNW Research Corp.	BUSBOARD	MOS	9	512K	\$350	C-125
Megalogic Corp.	PAM-I/ES	MOS	8	8K	\$295	C-125
Memotech Corp.	16K	MOS	8	16K	\$50	C-125
	32K	MOS	8	32K	\$100	C-125
	64K	MOS	8	64K	\$150	C-125
Microcomputer Systems, Inc.	MSI-C12	CMOS	8	48K	\$130	C-128
	MSI-C764	CMOS	8	64K	\$150	C-128
	MSI-7712	MOS	8	48K	\$125	C-125
Microtek	AMB 16	CMOS	8	16K	\$109	C-128
	BAM 16	CMOS	8	16K	\$100	C-128
	BAM 16 MN	CMOS	8	16K	\$109	C-128
	BAM 64	CMOS	8	64K	\$375	C-128
	BAM 128	CMOS	8	64K	\$475	C-128
	HAL 256	CMOS	8	256K	\$595	C-128
	Q-DISK	CMOS	8	64K	\$529	C-128
	TI 64	CMOS	8	64K	\$229	C-128
	VIM 0	NMOS	8	16K	\$47	C-128

Memory Index

VENDOR	MODEL	TECHNOLOGY	WORD LENGTH (BITS)	MEMORY CAPACITY (BYTES)	PRICE	PAGE
Microtek	VIM 16	NMOS	8	16K	\$99	C-128
Midwest Scientific Instruments	RAM-8K	MOS	8	8K	\$150	C-125
	RAM-16K	MOS	8	16K	\$450	C-125
	RAM-64K	MOS	8	64K	\$1,000	C-125
	RAM-68K	MOS	8	8K	\$350	C-125
Miltope Corp.	BMS-1000	Bubble	8	512K	\$15,200	C-128
Modular Computer Systems, Inc.	3695	MOS	16	512K	\$5,000	C-125
Modutest Systems, Inc.	ARM9	Magnetic Core	32	1K	\$50,000	C-128
	MEGASTORE CORE	Magnetic Core	32	4M	\$70,000	C-128
	MEGASTORE SEMI	Semiconductor	32	4M	\$110,000	C-128
Mostek Corp.	MK8661	MOS	32	4M	\$20,000	C-125
Motorola, Inc.	SYSTEM 3000	MOS	16	32.7M	\$163,840	C-126
Mountain Computer, Inc.	16K RAM + CARD	MOS	8	16K	\$189	C-126
National Micro Products, Inc.	UNIVERSAL PROCESSING DEVICE	MOS	8	448K	\$1,500	C-128
New England Digital Corp.	EXTENDED MEMORY BOARD	MOS	16	128K	N/A	C-126
Nixdorf Computer Corp.	6305-D	MOS	16	256K	\$6,000	C-126
	6305-F	MOS	16	512K	\$12,000	C-126
Onyx Systems	C5001/MU	MOS	8	128K	\$1,000	C-126
	C5002A	MOS	16	512K	\$3,000	C-126
	C/8002	MOS	16	256K	\$2,000	C-126
PEBX, Inc.	EC 320	MOS	32	2M	\$9,000	C-126
Seattle Computer Products	RAM +	MOS	8	256K	\$220	C-126
	RAM + 3	MOS	8	256K	\$620	C-126
Sperry Corp.	2913-99	MOS	36	4M	\$448,875	C-126
	3125-00	MOS	36	4M	\$80,000	C-126
SSM Microcomputer Products, Inc.	MB 10	MOS	8	16K	\$299	C-126
	MB 32	MOS	8	32K	\$425	C-126
	MB 64	MOS	8	N/A	\$599	C-126
Standard Engineering Corp.	LS-060	MOS	18	4K	\$1,500	C-126
Storage Technology Corp.	UNIVERSAL 370	MOS	N/A	64K	N/A	C-126
Stratus Computer	M100	MOS	16	2M	\$10,000	C-126
	M102	MOS	16	2M	\$6,000	C-126
Telefile Computer Products, Inc.	MODEL T3801	MOS	32	256K	\$44,500	C-126
	MODEL T3802	MOS	32	512K	\$49,080	C-126
	MODEL T3803	MOS	32	1M	\$57,610	C-126
	MODEL T3804	MOS	32	2M	\$83,260	C-126
	MODEL T3822	MOS	32	512K	\$54,540	C-126
	MODEL T3823	MOS	32	1M	\$73,660	C-126
	MODEL T3824	MOS	32	2M	\$90,760	C-127
	MODEL T3825	MOS	32	4M	\$142,060	C-127
	MODEL T3843	MOS	32	1M	\$104,620	C-127
	MODEL T3844	MOS	32	2M	\$122,860	C-127
	MODEL T3845	MOS	32	4M	\$157,080	C-127
	MODEL T3846	MOS	32	8.1M	\$259,860	C-127
Transwave Corp.	M-8008	MOS	8	8K	\$232	C-127
	M-8016	MOS	8	16K	\$306	C-127
Trendata/Standard Memories	BUSCOMM 70S	MOS	N/A	3M	\$8,790	C-127
U-Microcomputers, Inc.	U-RAM 128K	MOS	N/A	128K	\$549	C-127
	U-RAM 16K	MOS	N/A	16K	\$70	C-127
	U-RAM 32K	MOS	N/A	32K	\$140	C-127
	U-RAM 64K	MOS	N/A	64K	\$349	C-127
Univation, Inc.	DMB-64	MOS	8	448K	N/A	C-127
	DMB-192	MOS	8	448K	N/A	C-127
	DMC-448	MOS	8	448K	N/A	C-127
	IRM-64	MOS	8	64K	N/A	C-127
	IRM-64X	MOS	8	256K	N/A	C-127
	IRM-128X	MOS	8	256K	N/A	C-127
	IRM-192X	MOS	8	256K	N/A	C-127
	IRM-256C	MOS	8	256K	N/A	C-127
	IRM-256X	MOS	8	512K	N/A	C-127
	IRM-512C	MOS	8	512K	N/A	C-127
	VICTOR-128K	MOS	8	384K	N/A	C-127
	VSMB-128C	MOS	8	128K	N/A	C-127
	VSMB-256X	MOS	8	384K	N/A	C-127
	VSMB-384C	MOS	8	384K	N/A	C-127
Wicat Systems, Inc.	S150-19	ECC	8	256K	\$1,500	C-128
	S150-20	ECC	8	256K	\$1,500	C-128
	S150-21	ECC	8	512K	\$3,000	C-128
	S200-23	ECC	8	512K	\$3,000	C-128
	S200-24	ECC	8	1M	\$6,000	C-128
Zitel Corp.	SY90	MOS	16	16M	\$45,000	C-127
	SY91	MOS	16	32M	\$60,000	C-127
	SY92	MOS	16	4M	\$20,000	C-127

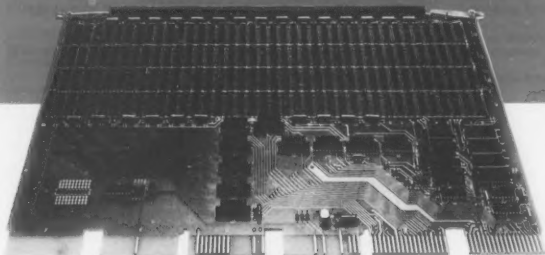
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PDP®-11	DR-114S	hex	256 KB
PDP-11	DR-114SP	hex	256 KB
PDP-11	DR-214	hex	1.0 MB
PDP-11	DR-144	hex	256 KB
PDP-11	DR-244	hex	1.0 MB
VAX®-11/750	DR-175	hex	256 KB
PDP-11/70			
VAX-11/750	DR-275	hex	1.0 MB
VAX-11/730			
VAX-11/780	DR-178	extended hex	512 KB
VAX-11/780	DR-278	extended hex	2.0 MB
DECSYSTEM 2020®	DR-120	extended hex	256 KB

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Dataram also provides core ADD-INS, core and semiconductor ADD-ONS, memory system units, memory management, and a wide range of memory-related accessories for DEC users.

Add-In Memory Devices

MOS Memories

ABLE COMPUTER

SCAT/45
Compatibility: DEC PDP-11/45,
11/50, 11/55
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 330 nsec
Features: Expandable memory
Price: \$7,425 to \$24,760
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1978
(See Vendor Profile Page V-1)

ACTION COMPUTER

DPC 183
Compatibility: Discovery 500, 1600
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 96K bytes
Price: \$1,295
Distribution Method: OEM, Third-party
Date First Installed: August 1983
(See Vendor Profile Page V-1)

ACTION COMPUTER

DPC 185
Compatibility: Discovery 500, 1600
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Price: \$1,585
Distribution Method: OEM, Third-party
Date First Installed: 1981

ACTION COMPUTER

DPC 816
Compatibility: Discovery 500, 1600
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Features: Single-bit error correction
Price: \$1,995
Distribution Method: OEM, Third-party
Date First Installed: September 1983

ACTION COMPUTER

Z DPC 180
Compatibility: Discovery 500, 1600
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Features: Single-bit error correction
Price: \$950
Distribution Method: OEM, Third-party
Number Installed to Date: More than 50,000
Date First Installed: September 1979

ADVANCED LOGIC SYSTEMS, INC.

CP/M CARD
Compatibility: Apple II, IIe, II+
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 150 nsec
Price: \$399
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: May 1983
(See Vendor Profile Page V-1)

ADVANCED MICRO DEVICES INC.

AM 97/0000 SERIES-1 MEGABYTE
Compatibility: Intel Multibus
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 1M bytes
Price: \$2,995
Distribution Method: Third-party
Date First Installed: July 1983

ADVANCED MICRO DEVICES INC.

AM 97/0000 SERIES-128
Compatibility: Intel Multibus
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Price: \$740
Distribution Method: Third-party
Date First Installed: 1982

ADVANCED MICRO DEVICES INC.

AM 97/0000 SERIES-256
Compatibility: Intel Multibus
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 350 nsec
Price: \$1,250
Distribution Method: Third-party
Date First Installed: 1982

ADVANCED MICRO DEVICES INC.

AM 97/0000 SERIES-32
Compatibility: Intel Multibus
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 32K bytes
Cycle Time: 350 nsec
Price: \$669
Distribution Method: Third-party
Date First Installed: 1982

ADVANCED MICRO DEVICES INC.

AM 97/0000 SERIES-512
Compatibility: Intel Multibus
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 350 nsec
Price: \$1,599
Distribution Method: Third-party
Date First Installed: 1982

ADVANCED MICRO DEVICES INC.

AM 97/0000 SERIES-64
Compatibility: Intel Multibus
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 350 nsec
Price: \$683
Date First Installed: 1982

ALCYON, INC.

64K OPTION
Compatibility: Alcyon A68KPM
Device Type: DRAM
Capacity: 64K bytes
Price: \$460
Distribution Method: OEM
Date First Installed: March 1983
(See Vendor Profile Page V-1)

ALCYON, INC.

MEX.5 (512K)
Compatibility: Alcyon A68KPM
Device Type: RAM
Word Size Supported: 16-bit
Features: Multiple-bit error detection

Price: \$1,325

Distribution Method: OEM
Date First Installed: March 1983

AMF LOGIC SCIENCES, INC.

1/2 MB MEMORY BOARD
Compatibility: HSR 11A, HSR 11B
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 250 nsec
Features: Bit Addressable
Price: \$6,000
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: 1979
(See Vendor Profile Page V-2)

ANDROMEDA SYSTEMS, INC.

MEM11-128
Compatibility: DEC LSI-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 375 nsec
Price: \$950
Number Installed to Date: 500 - 1,000
Date First Installed: 1978
(See Vendor Profile Page V-3)

ANDROMEDA SYSTEMS, INC.

MEM11-16
Compatibility: DEC LSI-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Cycle Time: 375 nsec
Price: \$450
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: 1978

ANDROMEDA SYSTEMS, INC.

MEM11-32
Compatibility: DEC LSI-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 375 nsec
Price: \$475
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1978

ANDROMEDA SYSTEMS, INC.

MEM11-64
Compatibility: DEC LSI-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 375 nsec
Price: \$875
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: September 1978

APPARAT, INC.

APPARAT-256K RAM CARD-64K
Compatibility: IBM Personal
Computer-XT
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Features: Multiple-bit error detection
Price: \$149
Date First Installed: 1983
(See Vendor Profile Page V-3)

APPARAT, INC.

APPARAT-512K RAM CARD-256K
Compatibility: IBM Personal
Computer-XT
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Multiple-bit error detection
Price: \$381
Date First Installed: April 1983

APPARAT, INC.

APPARAT-512K RAM CARD-384K
Compatibility: IBM Personal
Computer-XT
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 384K bytes
Cycle Time: 200 nsec
Features: Multiple-bit error detection
Price: \$499
Date First Installed: April 1983

APPARAT, INC.

APPARAT-512K RAM CARD-64K
Compatibility: IBM Personal
Computer-XT
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Price: \$189
Distribution Method: End user
Date First Installed: April 1983

APPLIED TECHNOLOGY

VENTURES, INC.
MEMORY UPGRADE
Compatibility: ATV J100, ATV J200,
ATV J300
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Price: \$7,500
Distribution Method: End user
Date First Installed: June 1982
(See Vendor Profile Page V-3)

ARTEC ELECTRONICS

32K STATIC RAM BOARD
Compatibility: North Star, Vector
Graphics
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 250 nsec
Features: Battery back-up
Price: \$269
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: September 1977
(See Vendor Profile Page V-4)

ARTEC ELECTRONICS

64K DYNAMIC RAMCARD
Compatibility: Cromemco, North
Star, Vector Graphics
Device Type: DRAM
Word Size Supported: 8-bit
Price: \$195
Number Installed to Date: 100 - 500
Date First Installed: May 1983

ARTEC ELECTRONICS

MULTI MEMORY BOARD
Compatibility: Intel 8085A
Device Type: EPROM
Word Size Supported: 8-bit
Capacity: 32K bytes
Price: \$193
Number Installed to Date: 100 - 500
Date First Installed: September 1979

Add-In Memory Devices

AST RESEARCH, INC.

COMBO PLUS
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Price: \$395 to \$695
Distribution Method: Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-4)

AST RESEARCH, INC.

DISK 1-4
Compatibility: IBM Personal
Computer-XT, Compaq
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 200 nsec
Features: Interleaving
Price: \$655 to \$1,650
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: April 1983

AST RESEARCH, INC.

MEGA PLUS II
Compatibility: IBM Personal
Computer-XT, Compaq
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Price: \$395 to \$1,295
Distribution Method: Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: November 1982

AST RESEARCH, INC.

MP SERIES
Compatibility: IBM Personal
Computer-XT, Compaq
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Price: \$295 to \$595
Distribution Method: Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: November 1982

ASTRONAUTICS CORP. OF AMERICA

EPROM-2K INCREMENTS
Compatibility: Astronautics Line
Control
Device Type: EPROM
Word Size Supported: 8-bit
Capacity: 2K bytes
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: 1980
(See Vendor Profile Page V-4)

ASTRONAUTICS CORP. OF AMERICA

RAM-2K INCREMENTS
Compatibility: Astronautics Line
Control
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 2K bytes
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: 1980
(See Vendor Profile Page V-4)

AXLON, INC.

RAM DISK 128
Compatibility: Apple II

Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 250 nsec
Price: \$380
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: November 1982
(See Vendor Profile Page V-4)

AXLON, INC.

RAM POWER 32
Compatibility: Atari 400, Atari 800
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 200 nsec
Price: \$80
Distribution Method: Third-party
Number Installed to Date: More than 50,000
Date First Installed: November 1980

AXLON, INC.

RAM POWER 48
Compatibility: Atari 400
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 48K bytes
Cycle Time: 200 nsec
Price: \$150
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: October 1982

AXLON, INC.

RAM POWER 128
Compatibility: Atari 800
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 200 nsec
Price: \$380
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: November 1980

CALIFORNIA COMPUTER SYSTEMS

2066
Compatibility: Calcomp 300/400; Slimline 3000; Cromemco CS3/CS2; Any S100 Bus
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K Bytes
Cycle Time: 250 nsec
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: October 1981
(See Vendor Profile Page V-6)

CALIFORNIA COMPUTER SYSTEMS

2066-01
Compatibility: Cromemco; Calcomp 300/400; Compupro; Morrow 2300
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 475 nsec
Price: \$420
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000

CALIFORNIA COMPUTER SYSTEMS

2116-01
Compatibility: North Star Horizon;

Calcomp 300/400; Compupro; Morrow 2300
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 310 nsec
Price: \$345
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: September 1981

CALIFORNIA COMPUTER SYSTEMS

2256
Compatibility: Calcomp 300/400; Slimline 3000; Any S100 Bus
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 300 nsec
Features: Parity
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: October 1982

CALIFORNIA COMPUTER SYSTEMS

2256-01
Compatibility: Calcomp 300/400; Compupro; North Star Horizon; Morrow 2300
Device Type: DRAM
Capacity: 256K bytes
Cycle Time: 370 nsec
Features: Multiple-bit error detection
Price: \$895
Distribution Method: OEM, Third-party

CALIFORNIA COMPUTER SYSTEMS

8220-02
Compatibility: IBM Personal Computer; Calcomp 300/400; Compupro; Morrow 2300
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 1M bytes
Cycle Time: 335 nsec
Features: Multiple-bit error detection
Price: \$995
Distribution Method: OEM, Third-party

CALIFORNIA MINICOMPUTER SYSTEMS

54K DRAM-A
Compatibility: PE 3200
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 150 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving, ECC
Price: \$7,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: 1981
(See Vendor Profile Page V-6)

CALIFORNIA MINICOMPUTER SYSTEMS

54K DRAM-B
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 2M bytes
Cycle Time: 150 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error

detection, Interleaving, ECC
Price: \$1,100
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1981

CAMDEX CORP.

STOR/3000
Compatibility: IBM 3158, 3168, 303X
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 12.2M bytes
Price: \$8,500
Distribution Method: End user, Third-party
(See Vendor Profile Page V-6)

CAMDEX CORP.

SUPER STOR 11M
Compatibility: DEC PDP-11/24, PDP-11/44, PDP-11/XX
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 450 nsec
Features: Battery back-up
Distribution Method: End user, OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: January 1982

CAMDEX CORP.

SUPER STOR 700
Compatibility: DEC VAX-11/780, VAX-11/750, VAX-11/730
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Features: Interleaving
Price: \$2,395
Distribution Method: End user, OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: January 1982

CENTRAL DATA CORP.

B1014
Compatibility: Multibus
Device Type: PROM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Price: \$245
Distribution Method: End user, OEM, Third-party
Date First Installed: 1979
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.

B1020
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 495 nsec
Features: Multiple-bit error detection
Distribution Method: OEM, Third-party
Date First Installed: November 1980

CENTRAL DATA CORP.

B1025/128K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 495 nsec
Features: Single-bit error correction
Price: \$915
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000

Add-In Memory Devices

Date First Installed: 1980

CENTRAL DATA CORP.

B1020/32K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 32K bytes
Cycle Time: 495 nsec
Features: Single-bit error correction
Price: \$690
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1980

CENTRAL DATA CORP.

B1020/64K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 495 nsec
Features: Single-bit error correction
Price: \$765
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1980

CENTRAL DATA CORP.

B1020/96K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 96K bytes
Cycle Time: 495 nsec
Features: Single-bit error correction
Price: \$840
Distribution Method: End user,
OEM, Third-party
Date First Installed: 1980

CENTRAL DATA CORP.

B1027
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 375 nsec
Features: Single-bit error correction,
Multiple-bit error detection,
Interleaving
Distribution Method: Third-party
Date First Installed: January 1983

CENTRAL DATA CORP.

B1027/128K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 375 nsec
Features: Single-bit error correction,
Multiple-bit error detection
Price: \$1,515
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: April 1983

CENTRAL DATA CORP.

B1027/256K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 375 nsec
Features: Single-bit error correction,
Multiple-bit error detection
Price: \$1,780
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: April 1983

CENTRAL DATA CORP.

B1027/384K
Compatibility: Multibus

Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 384K bytes
Cycle Time: 375 nsec
Features: Single-bit error correction,
Multiple-bit error detection
Price: \$2,045
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 100 - 500

CENTRAL DATA CORP.

B1027/512K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 375 nsec
Features: Single-bit error correction,
Multiple-bit error detection
Price: \$2,300
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 100 - 500

CENTRAL DATA CORP.

B1040
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 345 nsec
Features: Battery back-up
Date First Installed: May 1983

CENTRAL DATA CORP.

B1040/128K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 345 nsec
Features: Single-bit error correction
Price: \$1,195
Distribution Method: End user,
OEM, Third-party
Date First Installed: May 1983

CENTRAL DATA CORP.

B1040/256K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 12-bit
Capacity: 256K bytes
Cycle Time: 345 nsec
Features: Single-bit error correction
Price: \$1,410
Date First Installed: May 1983

CENTRAL DATA CORP.

B1040/384K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 384K bytes
Cycle Time: 345 nsec
Features: Single-bit error correction
Price: \$1,630

CENTRAL DATA CORP.

B1040/512K
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 345 nsec
Features: Single-bit error correction
Price: \$1,845
Distribution Method: End user,
OEM, Third-party
Date First Installed: May 1983

CHRISLIN INDUSTRIES, INC.

CI-PCM
Compatibility: IBM Personal
Computer

Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 400 nsec
Features: Battery back-up
Price: \$395
Distribution Method: Third-party
Date First Installed: September 1981
(See Vendor Profile Page V-6)

CHRISLIN INDUSTRIES, INC.

CI-PCM+
Compatibility: IBM Personal
Computer
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 400 nsec
Features: Battery back-up,
Interleaving
Price: \$795
Distribution Method: Third-party
Date First Installed: March 1982

CHRISLIN INDUSTRIES, INC.

CI-S100
Compatibility: S100
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 400 nsec
Features: Battery back-up,
Interleaving
Price: \$250
Distribution Method: OEM, Third-party
Date First Installed: September 1979

CHRISLIN INDUSTRIES, INC.

CI-1123
Compatibility: DEC PDP-11/23
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 400 nsec
Features: Battery back-up,
Interleaving
Price: \$495
Distribution Method: OEM, Third-party
Date First Installed: March 1979

CHRISLIN INDUSTRIES, INC.

CI-1123+
Compatibility: DEC PDP-11/23
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 400 nsec
Features: Battery back-up,
Interleaving
Price: \$595
Distribution Method: OEM, Third-party
Date First Installed: September 1981

CHRISLIN INDUSTRIES, INC.

CI-8086
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 4M bytes
Cycle Time: 400 nsec
Features: Battery back-up,
Interleaving
Price: \$895
Distribution Method: OEM, Third-party
Date First Installed: March 1980

CHRISLIN INDUSTRIES, INC.

CI-8086E
Compatibility: Multibus

Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 4M bytes
Cycle Time: 400 nsec
Features: Battery backup, Multiple-bit error detection, Interleaving
Price: \$1,495
Distribution Method: OEM, Third-party
Date First Installed: March 1983

CIE SYSTEMS, INC.

88 RAM-0062
Compatibility: CIE 680-20/30
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Features: Byte Parity
Price: \$1,600
Distribution Method: OEM, Third-party
Date First Installed: 1982
(See Vendor Profile Page V-6)

COLUMBIA DATA PRODUCTS, INC.

256K MEMORY EXPANSION
Compatibility: Columbia MPC
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 250 nsec
Features: Single-bit error correction
Price: \$445 to \$645
Distribution Method: OEM
Number Installed to Date: 2,000
Date First Installed: June 1982
(See Vendor Profile Page V-7)

COMARK CORP.

MR 80
Device Type: SRAM
Word Size Supported: 12-bit
Capacity: 32K bytes
Cycle Time: 550 nsec
Features: Battery back-up
Price: \$650
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: July 1979
(See Vendor Profile Page V-7)

COMARK CORP.

MR 85
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 450 nsec
Features: Hidden Refresh
Price: \$695
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: February 1981

COMARK CORP.

MR 86
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 500K bytes
Cycle Time: 450 nsec
Features: Hidden Refresh
Price: \$1,395
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: April 1982

COMMUNICATION MANUFACTURING CO.

MEMORY MODULE III
Compatibility: CMC System 4000
Device Type: RAM/PROM
Word Size Supported: 8-bit

Add-In Memory Devices

Capacity: 128K bytes
Price: \$8,000
Distribution Method: End user,
Third-party
Number Installed to Date: Under
100
Date First Installed: 1979
(See Vendor Profile Page V-7)

COMPUGRAPHIC CORP.
214982-504
Compatibility: Compugraphics
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 512K Bytes
Cycle Time: 150 nsec
Price: \$823
Distribution Method: End User
Number Installed to Date: 4,000
Date First Installed: April 1982
(See Vendor Profile Page V-7)

COMPUGRAPHIC CORP.
214982-501
Compatibility: Compugraphics
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 150 nsec
Price: \$587
Distribution Method: End user
Number Installed to Date: 4,000
Date First Installed: April 1982

COMPUGRAPHIC CORP.
214982-502
Compatibility: Compugraphics
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 150 nsec
Price: \$565
Distribution Method: End user
Number Installed to Date: 4,000
Date First Installed: April 1982

COMPUPRO CORP.
RAM-17
Compatibility: Compupro System
816
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 120 nsec
Price: \$599
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 10,000 -
50,000
Date First Installed: 1980
(See Vendor Profile Page V-7)

COMPUPRO CORP.
RAM-21
Compatibility: Compupro System
816
Device Type: SRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 70 nsec
Price: \$1,350
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 10,000 -
50,000
Date First Installed: September
1981

COMPUPRO CORP.
RAM-22
Compatibility: Compupro System S-
81
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes

Cycle Time: 120 nsec
Price: \$1,795
Distribution Method: End user,
OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1983

**COMPUTER AUTOMATION,
INC.**
44009
Compatibility: Computer Automation
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 1,059 nsec
Price: \$1,325
Distribution Method: OEM
Number Installed to Date: 200
Date First Installed: June 1981
(See Vendor Profile Page V-8)

**COMPUTER AUTOMATION,
INC.**
53775
Compatibility: Computer Automation
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 58 nsec
Features: Battery back-up
Price: \$1,600
Distribution Method: OEM
Number Installed to Date: 1,000
Date First Installed: January 1978

**COMPUTER AUTOMATION,
INC.**
53819
Compatibility: Computer Automation
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 520 nsec
Features: Single-bit error correction,
Multiple-bit error detection
Price: \$3,000
Distribution Method: OEM
Number Installed to Date: 100
Date First Installed: January 1982

**COMPUTER AUTOMATION,
INC.**
53909
Compatibility: Computer Automation
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 550 nsec
Features: Single-bit error correction,
Multiple-bit error detection
Price: \$3,900
Distribution Method: OEM
Number Installed to Date: 50
Date First Installed: June 1982

COMPUTER CONSOLES, INC.
5820/116
Compatibility: Computer Consoles
520
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 1M bytes
Cycle Time: 410 nsec
Features: Single-bit error correction,
Multiple-bit error detection, ECC
Price: \$7,250
Distribution Method: End user
Date First Installed: January 1983
(See Vendor Profile Page V-8)

COMPUTER CONSOLES, INC.
5820/117
Compatibility: Computer Consoles
520
Device Type: DRAM

Word Size Supported: 8-bit
Capacity: 2M bytes
Cycle Time: 410 nsec
Features: Single-bit error correction,
Multiple-bit error detection, ECC
Price: \$7,250
Distribution Method: End user
Number Installed to Date: 20
Date First Installed: January 1983

**COMPUTER EQUIPMENT
SERVICES**
CP-AIMS Series 80
Compatibility: IBM 370/158,
370/168, 3031, 3032
Device Type: DRAM
Word Size Supported: 64-bit
Capacity: 16M bytes
Features: Single-bit error correction,
Multiple-bit error detection
Price: \$8,000
Distribution Method: End user
Number Installed to Date: 7,000
Date First Installed: April 1980
(See Vendor Profile Page V-8)

**COMPUTER EXTENSION
SYSTEM, INC.**
VM #15
Compatibility: DEC LSI
Device Type: SRAM
Word Size Supported: 12-bit
Capacity: 16K bytes
Cycle Time: 350 nsec
Price: \$1,025
Distribution Method: End user
Date First Installed: 1978
(See Vendor Profile Page V-8)

**COMPUTER EXTENSION
SYSTEM, INC.**
VM #32
Compatibility: DEC LSI
Device Type: SRAM
Word Size Supported: 12-bit
Capacity: 32K bytes
Cycle Time: 350 nsec
Price: \$1,450
Distribution Method: End user

**COMPUTER EXTENSION
SYSTEM, INC.**
VM #128
Compatibility: DEC LSI
Device Type: SRAM
Word Size Supported: 12-bit
Capacity: 128K bytes
Cycle Time: 275 nsec
Price: \$2,500
Distribution Method: End user
Date First Installed: March 1983

**COMPUTER EXTENSION
SYSTEM, INC.**
VRL 1128P
Compatibility: DEC
Device Type: DRAM
Word Size Supported: 18 Bit
Capacity: 64K bytes
Cycle Time: 900 nsec
Features: On-board Parity
Price: \$995
Distribution Method: End user
Date First Installed: May 1982

**COMPUTER EXTENSION
SYSTEM, INC.**
VRL 11
Compatibility: DEC LSI
Device Type: RAM/PROM/EEPROM
Word Size Supported: 16-bit
Capacity: 8K bytes
Cycle Time: 500 nsec
Price: \$425
Distribution Method: End user

Date First Installed: December 1981

**CONTEMPORARY CONTROL
SYSTEMS, INC.**
S832
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 250 nsec
Features: Bank Switching
Price: \$325
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: January 1981
(See Vendor Profile Page V-9)

CONTROL DATA CORP.
18251-4
Compatibility: CDC Cyber 170-815,
170-825
Device Type: RAM
Word Size Supported: 60-bit
Capacity: 4K bytes
Cycle Time: 1200 nsec
Features: Multiple-bit error detection
Price: \$50,000
Distribution Method: End User
Date First Installed: 1982
(See Vendor Profile Page V-9)

CONTROL DATA CORP.
18251-4
Compatibility: CDC Cyber 170-835
Device Type: RAM
Word Size Supported: 60-bit
Capacity: 4K bytes
Cycle Time: 448 nsec
Features: Multiple-bit error
detection, Single-bit error correction
Price: \$100,000
Distribution Method: End User
Date First Installed: 1982

CONTROL DATA CORP.
18551-4
Compatibility: CDC Cyber 170-845,
170-855
Device Type: RAM
Word Size Supported: 60-bit
Capacity: 4K bytes
Cycle Time: 448 nsec
Features: Multiple-bit error
detection, Single-bit error correction
Price: \$175,000
Distribution Method: End User
Date First Installed: 1983

CONTROL DATA CORP.
18651-1
Compatibility: CDC Cyber 170-865
Device Type: RAM
Word Size Supported: 60-bit
Capacity: 2K bytes
Cycle Time: 200 nsec
Features: Multiple-bit error
detection, Single-bit error correction
Price: \$160,000
Distribution Method: End User
Date First Installed: 1981

CONTROL DATA CORP.
18251-2
Compatibility: CDC Cyber 170-815,
170-825
Device Type: RAM
Word Size Supported: 60-bit
Capacity: 248K bytes
Cycle Time: 1200 nsec
Features: Multiple-bit error
detection, Single-bit error correction
Price: \$25,000
Distribution Method: End User
Date First Installed: September
1982

Add-In Memory Devices

CONTROL SYSTEMS, INC.

192K MEMORY BOARD
 Compatibility: IBM Personal Computer
 Device Type: RAM
 Word Size Supported: 8-bit
 Capacity: 64K bytes
 Cycle Time: 150 nsec
 Features: Single-bit error correction, Selectable Addressing
 Price: \$185
 Distribution Method: End user
 Number Installed to Date: Under 100
 Date First Installed: May 1982
 (See Vendor Profile Page V-9)

CYBERCHRON CORP.

CDM-7703
 Compatibility: DEC PDP-11/23
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 256K bytes
 Cycle Time: 375 nsec
 Price: \$495
 Distribution Method: Third-party
 Number Installed to Date: 1,000 - 5,000
 Date First Installed: 1975
 (See Vendor Profile Page V-10)

CYBERCHRON CORP.

CDM-8223
 Compatibility: DEC PDP-11/23
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 1M bytes
 Cycle Time: 375 nsec
 Price: \$1,995
 Distribution Method: Third-party
 Number Installed to Date: 100 - 500
 Date First Installed: January 1982

DATA GENERAL CORP.

8384
 Compatibility: DG Nova
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 32K bytes
 Cycle Time: 400 nsec
 Features: Interleaving
 Price: \$3,475
 Distribution Method: Third-party
 (See Vendor Profile Page V-10)

DATA GENERAL CORP.

8385
 Compatibility: DG Nova 4/S
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 64K bytes
 Features: Interleaving
 Price: \$4,130
 Distribution Method: Third-party

DATA GENERAL CORP.

8386
 Compatibility: DG Nova 4/X
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 128K bytes
 Cycle Time: 400 nsec
 Features: Interleaving
 Price: \$3,800
 Distribution Method: Third-party
 Number Installed to Date: 100 - 500

DATA GENERAL CORP.

8387
 Compatibility: DG Nova 4/X
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 256K bytes
 Cycle Time: 400 nsec
 Features: Interleaving

Price: \$6,600
 Distribution Method: Third-party

DATA GENERAL CORP.

8736-N
 Compatibility: DG 8733
 Device Type: DRAM
 Word Size Supported: 18-bit
 Capacity: 256K bytes
 Cycle Time: 500 nsec
 Features: Single-bit error correction
 Price: \$2,000
 Distribution Method: OEM
 Date First Installed: June 1982

DATA GENERAL CORP.

8736-R
 Compatibility: DG 8733, Desktop 20, Desktop 30
 Device Type: DRAM
 Word Size Supported: 18-bit
 Capacity: 256K bytes
 Cycle Time: 500 nsec
 Features: Single-bit error correction
 Price: \$3,000
 Distribution Method: OEM
 Date First Installed: June 1982

DATA GENERAL CORP.

ECLIPSE MV/1000 SYS MEMORY
 Compatibility: DG MV/10000, MV/4000
 Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 16K bytes
 Cycle Time: 70 nsec
 Features: Battery back-up, Single-bit error correction, Multiple-bit error correction, Interleaving
 Price: \$72,000
 Distribution Method: End user

DATA GENERAL CORP.

ECLIPSE MV/8000 II
 Compatibility: DG MV/8000II
 Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 8K bytes
 Cycle Time: 110 nsec
 Features: Battery back-up, Single-bit error correction, Multiple-bit error correction, Interleaving
 Price: \$36,000
 Distribution Method: End user, OEM
 Date First Installed: May 1980

DATA GENERAL CORP.

MV/4000 MEMORY MODULE
 Compatibility: DG MV/4000
 Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 2M bytes
 Cycle Time: 440 nsec
 Features: Battery back-up, Multiple-bit error correction, Interleaving
 Price: \$9,000
 Date First Installed: 1982

DATA GENERAL CORP.

S/140 MEMORY MODULE
 Compatibility: DG S/140 DGC
 Device Type: RAM
 Word Size Supported: 16-bit
 Capacity: 1M bytes
 Cycle Time: 400 nsec
 Features: Battery back-up, Single-bit error correction, Multiple-bit error correction
 Price: \$9,500
 Distribution Method: End user
 Date First Installed: 1979

DATA GENERAL CORP.

S/280 MEMORY MODULE
 Compatibility: DG S/280 DGC

Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 2M bytes
 Cycle Time: 450 nsec
 Features: Battery back-up, Single-bit error correction, Multiple-bit error correction
 Price: \$4,900
 Distribution Method: End user, OEM
 Date First Installed: 1982

DATAMAC PERIPHERAL PRODUCTS

IDM-16 ADD-IN
 Device Type: RAM
 Word Size Supported: 16-bit
 Capacity: 16K bytes
 Cycle Time: 330 nsec
 Features: Multiple-bit error correction
 Price: \$50
 Distribution Method: Third-party
 Date First Installed: April 1982
 (See Vendor Profile Page V-10)

DATARAM CORP.

DR-143
 Compatibility: DEC PDP-11
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 256K bytes
 Features: Single-bit error correction
 Price: \$1,445
 Distribution Method: OEM
 Date First Installed: 1978
 (See Vendor Profile Page V-11)

DATARAM CORP.

DR-705
 Compatibility: Sperry V77-600, V7
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 512K bytes
 Features: Single-bit error correction
 Price: \$9,860
 Distribution Method: OEM
 Date First Installed: 1981

DATARAM CORP.

DR-114SP
 Compatibility: DEC PDP-11
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 256K bytes
 Features: Single-bit error correction, CSR
 Price: \$1,545
 Date First Installed: 1979

DATARAM CORP.

DR-120
 Compatibility: DEC SYS 2020
 Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 256K bytes
 Features: Single-bit error correction
 Price: \$4,835
 Distribution Method: OEM
 Date First Installed: 1979

DATARAM CORP.

DR-144
 Compatibility: DEC PDP-11/44
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 256K bytes
 Features: Single-bit error correction, Interleaving
 Price: \$1,700
 Distribution Method: OEM
 Date First Installed: 1980

DATARAM CORP.

DR-175
 Compatibility: DEC PDP-11/70, DEC VAX-11/750

Device Type: DRAM
 Word Size Supported: 32-bit
 Capacity: 256K bytes
 Features: Single-bit error correction, Multiple-bit error detection
 Price: \$1,045
 Distribution Method: OEM
 Date First Installed: 1981

DATARAM CORP.

DR-175
 Compatibility: DEC VAX-11/750, DEC PDP-11/70
 Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 256K bytes
 Features: Single-bit error correction
 Price: \$1,045
 Date First Installed: 1981

DATARAM CORP.

DR-178
 Compatibility: DEC VAX-11/780
 Device Type: DRAM
 Word Size Supported: 32-bit
 Capacity: 512K bytes
 Features: Single-bit error correction, Multiple-bit error detection
 Price: \$1,045
 Date First Installed: 1980

DATARAM CORP.

DR-213
 Compatibility: DEC LSI-11/25
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 1M bytes
 Features: Single-bit error correction
 Price: \$2,745
 Distribution Method: OEM
 Date First Installed: 1981

DATARAM CORP.

DR-214
 Compatibility: DEC PDP-11/44, DEC PDP-11/24
 Device Type: DRAM
 Capacity: 1M bytes
 Features: Single-bit error correction, CSR
 Price: \$2,755
 Distribution Method: OEM
 Date First Installed: 1981

DATARAM CORP.

DR-215
 Compatibility: DEC LSI-11/23
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 256K bytes
 Features: Single-bit error correction
 Price: \$1,075
 Distribution Method: OEM
 Date First Installed: 1981

DATARAM CORP.

DR-225
 Compatibility: DG Eclipse
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 1M bytes
 Features: Single-bit error correction
 Price: \$8,250
 Distribution Method: OEM
 Date First Installed: 1982

DATARAM CORP.

DR-240
 Compatibility: DG Eclipse, DG Nova 4
 Device Type: DRAM
 Word Size Supported: 16-bit
 Capacity: 1M bytes
 Features: Single-bit error correction
 Price: \$5,385

Add-In Memory Devices

Distribution Method: OEM
Date First Installed: 1983

DATARAM CORP.

DR-244
Compatibility: DEC PDP-11/44
Device Type: DRAM
Capacity: 1M bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$3,020
Distribution Method: OEM
Date First Installed: 1981

DATARAM CORP.

DR-275
Compatibility: DEC VAX-11/730, DEC VAX-11/750
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$3,135
Distribution Method: OEM
Date First Installed: 1982

DATARAM CORP.

DR-278
Compatibility: DEC VAX-11/780
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 2M bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$4,815
Distribution Method: OEM
Date First Installed: 1983

DATARAM CORP.

DR-330
Compatibility: PE 3200
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 2M bytes
Price: \$10,600
Distribution Method: OEM
Date First Installed: 1982

DATARAM CORP.

DR-680
Device Type: DRAM
Word Size Supported: 16-bit, 32-bit
Capacity: 1M bytes
Features: Single-bit error correction, CSR, Match Reads
Price: \$4,200
Date First Installed: 1982

DATARAM CORP.

DR-1235
Compatibility: DG Nova 3/4, DG Nova 3/12, DG Nova 3D
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Features: Single-bit error correction
Price: \$2,970
Date First Installed: 1979

DATA STORAGE

TECHNOLOGY
DS11-256
Compatibility: DEC PDP-11, DEC LSI-11
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 350 nsec
Features: Battery back-up
Price: \$1,200
Distribution Method: End user
Number Installed to Date: 500
Date First Installed: February 1981
(See Vendor Profile Page V-11)

DATA STORAGE

TECHNOLOGY
DS118A-KE
Compatibility: DEC PDP-11
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 350 nsec
Features: Battery back-up
Price: \$3,000
Distribution Method: End user
Number Installed to Date: 150
Date First Installed: January 1981

DATA STORAGE

TECHNOLOGY
DSV11-256
Compatibility: DEC LSI-11
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 350 nsec
Features: Battery back-up
Price: \$550
Distribution Method: End user
Number Installed to Date: 250
Date First Installed: September 1981

DATA STORAGE

TECHNOLOGY
DSV11-54
Compatibility: DEC LSI-11
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 350 nsec
Features: Battery back-up
Price: \$350
Distribution Method: End user
Number Installed to Date: 300
Date First Installed: June 1981

DAVONG SYSTEMS, INC.

DEC ADD-IN MEMORY
Compatibility: DEC Rainbow
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 410 nsec
Price: \$549
Number Installed to Date: Under 100
Date First Installed: May 1983
(See Vendor Profile Page V-12)

DAVONG SYSTEMS, INC.

EX
Compatibility: IBM Personal Computer-XT
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 410 nsec
Price: \$696
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: December 1981

DENELCOR, INC.

MOS MEMORY, SMB
Compatibility: Denesicor HEP 11-1000
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 8M bytes
Cycle Time: 400 nsec
Features: Single-bit error correction, Interleaving, 8-Way Interleaving
Price: \$200,000
Distribution Method: End user
Number Installed to Date: 1
Date First Installed: July 1983
(See Vendor Profile Page V-12)

DIGIDYNE CORP.

D2128
Compatibility: Digidyne S200
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 200 nsec
Features: Interleaving
Price: \$1,100
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: January 1983
(See Vendor Profile Page V-12)

DIGIDYNE CORP.

D2128
Compatibility: Digidyne S200
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 200 nsec
Features: Interleaving
Price: \$1,100
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: January 1983

DIGIDYNE CORP.

D2258
Compatibility: Digidyne
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Interleaving
Price: \$1,975
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: January 1983

DIGITAL DATA SYSTEMS, INC.

DDS 22A
Compatibility: DEC PDP-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Price: \$1,365
Distribution Method: OEM
Number Installed to Date: 300
Date First Installed: 1979
(See Vendor Profile Page V-13)

DIGITAL DATA SYSTEMS, INC.

DDS 348
Compatibility: DEC LSI-11/23
Device Type: RAM
Word Size Supported: 18-bit
Capacity: 1M bytes
Features: Single-bit error correction
Price: \$2,130
Distribution Method: OEM
Number Installed to Date: 400
Date First Installed: January 1979

DIGITAL DATA SYSTEMS, INC.

DDS 55A
Compatibility: DEC PDP-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Features: Battery back-up, Single-bit error correction
Price: \$2,900
Distribution Method: OEM
Number Installed to Date: 100
Date First Installed: 1980

DIGITAL DATA SYSTEMS, INC.

DDS 238S
Compatibility: DG Eclipse
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes

Features: Single-bit error correction, Multiple-bit error detection
Price: \$5,000
Distribution Method: OEM
Number Installed to Date: 200
Date First Installed: 1980

DIGITAL DATA SYSTEMS, INC.

DDS 385
Compatibility: VAC 11780, VAC 11730
Device Type: RAM
Word Size Supported: 72-bit
Capacity: 1M bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$3,100
Distribution Method: OEM
Number Installed to Date: 50
Date First Installed: 1981

DIGITAL DATA SYSTEMS, INC.

DDS 389
Compatibility: DEC VAX 11/780
Device Type: RAM
Word Size Supported: 72 Bit
Capacity: 2M bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$4,400
Distribution Method: OEM
Number Installed to Date: 50
Date First Installed: 1982

DIGITAL DATA SYSTEMS, INC.

DDS 992
Compatibility: Prime
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1,000M bytes
Features: Single-bit error correction
Price: \$8,000
Distribution Method: OEM
Number Installed to Date: 50
Date First Installed: 1980

DIGITAL DATA SYSTEMS, INC.

DDS 995
Compatibility: Wang VS 90, Wang VS 100
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Features: Single-bit error correction
Price: \$8,000
Distribution Method: OEM
Number Installed to Date: 50
Date First Installed: 1980

DIGITAL DATA SYSTEMS, INC.

DDS 998
Compatibility: Wang VS50, Wang VS 80
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Features: Single-bit error correction
Price: \$3,000
Distribution Method: OEM
Number Installed to Date: 80
Date First Installed: 1980

DIGITAL DATA SYSTEMS, INC.

DG 236
Compatibility: DG Eclipse
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$8,000
Distribution Method: OEM
Number Installed to Date: 300
Date First Installed: September 1978

Add-In Memory Devices

DIGITAL DATA SYSTEMS, INC.

Model: 1000
Compatibility: DG Eclipse
Device Type: RAM
Capacity: 1M bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$5,700
Distribution Method: OEM
Number Installed to Date: 20
Date First Installed: January 1983

DIGITAL EQUIPMENT CORP.

MS11
Compatibility: DEC PDP-11/44
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 200 nsec
Features: Battery back-up, Single-bit error correction
Price: \$4,900
Distribution Method: End user
Date First Installed: October 1982
(See Vendor Profile Page V-13)

DIGITAL EQUIPMENT CORP.

MS730C
Compatibility: DEC VAX-11/750
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$4,900
Date First Installed: June 1982

DIGITAL EQUIPMENT CORP.

MS750C
Compatibility: DEC VAX-11/750
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$4,900
Distribution Method: End user
Date First Installed: July 1982

DIGITAL EQUIPMENT CORP.

MS780-FA
Compatibility: DEC VAX-11/750
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 2M bytes
Cycle Time: 200 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$9,000
Distribution Method: End user
Date First Installed: 1983

DIGITAL EQUIPMENT CORP.

MSV11-DD
Compatibility: DEC PDP-11/24, DEC PDP-11/23, DEC PDP-11/03
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Features: Battery back-up, Single-bit error correction
Price: \$500
Distribution Method: End user, OEM

DISPLAY DATA CORP.

8101
Compatibility: Display Series 800
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes

Cycle Time: 100 nsec
Features: Multiple-bit error detection
Price: \$2,000

Distribution Method: End user
Number Installed to Date: 350
Date First Installed: June 1982
(See Vendor Profile Page V-13)

DOCUTEL OLIVETTI CORP.

32K
Compatibility: Olivetti M20
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Cycle Time: 250 nsec
Price: \$200
Distribution Method: Third-party
Date First Installed: 1982
(See Vendor Profile Page V-13)

DOCUTEL OLIVETTI CORP.

128K
Compatibility: Olivetti M20
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 250 nsec
Price: \$600
Distribution Method: Third-party
Date First Installed: June 1982

DUAL SYSTEMS CORP.

EPROM
Device Type: EPROM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 500 nsec
Distribution Method: End user, OEM, Third-party
Date First Installed: July 1980
(See Vendor Profile Page V-14)

ELITE CORP.

812K MEMORY CARD
Compatibility: Motorola VME/10, Elite Consultant
Device Type: RAM
Word Size Supported: 8-bit, 16-bit, 32-bit
Capacity: 2M bytes
Cycle Time: 390 nsec
Features: Multiple-bit error detection
Price: \$2,950
Distribution Method: End user
Number Installed to Date: 20
Date First Installed: June 1983
(See Vendor Profile Page V-14)

ETI MICRO

8164
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 100 nsec
Price: \$560
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: July 1982
(See Vendor Profile Page V-14)

EVENTIDE, INC.

WKBP-4
Compatibility: HP 9816/9826, HP 9836
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Distribution Method: End user
Date First Installed: 1981
(See Vendor Profile Page V-15)

EVENTIDE, INC.

WNAP-1
Compatibility: HP 9845B/C/T

Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Price: \$1,750
Distribution Method: End user
Date First Installed: September 1979
(See Vendor Profile Page V-15)

EVENTIDE, INC.

WMAZ-4
Compatibility: HP 9845B/C/T
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Price: \$3,500
Distribution Method: End user
Date First Installed: 1981

HARRIS CORP.

003A
Device Type: RAM
Word Size Supported: 48
Capacity: 384K bytes
Cycle Time: 335 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$9,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: February 1983
(See Vendor Profile Page V-16)

HARRIS CORP.

003B
Device Type: RAM
Word Size Supported: 48
Capacity: 768K bytes
Cycle Time: 335 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$12,500
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: February 1983

HARRIS CORP.

003D
Device Type: RAM
Word Size Supported: 48
Capacity: 3M bytes
Cycle Time: 335 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$35,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: February 1983

HARRIS CORP.

003E
Device Type: RAM
Word Size Supported: 48
Capacity: 6.1M bytes
Cycle Time: 335 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$60,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: February 1983

HARRIS CORP.

2003C
Device Type: RAM
Word Size Supported: 48
Capacity: 1.5M bytes
Cycle Time: 335 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$18,500
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: February 1982

HEATH CO.

WH 88-18
Compatibility: Heath CO H89
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Price: \$115
Distribution Method: End user
Date First Installed: 1980
(See Vendor Profile Page V-16)

HEATH CO.

Z 205
Compatibility: Heath H100
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Price: \$900
Distribution Method: End user
Date First Installed: January 1983

HEWLETT-PACKARD CO.

30008BR
Compatibility: HP 3000
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K Bytes
Features: Two Bit Error Correction
Price: \$3750
Distribution Method: End User
Date First Installed: 1979
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

30078AR
Compatibility: HP 3000 Series 2
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Features: Multiple Bit Error Detection
Price: \$2,500
Distribution Method: End User
Date First Installed: 1976

HEWLETT-PACKARD CO.

30418AR
Compatibility: HP 3000
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M byte
Features: Multiple-bit error detection, Single-bit error correction
Price: \$12,000
Distribution Method: End User

HONEYWELL, INC.

CMM 8816
Compatibility: Honeywell DPS 88/81, 86/82
Device Type: DRAM
Word Size Supported: 36-bit
Capacity: 128,000K bytes
Cycle Time: 750 nsec
Features: Multiple-bit error detection, Single-bit error correction, Interleaving
Price: \$3,200,000
Distribution Method: End User
Date First Installed: June 1983
(See Vendor Profile Page V-17)

HONEYWELL, INC.

CMM 8020
Compatibility: Honeywell DPS 8/52, 8/52, 8/70
Device Type: DRAM
Word Size Supported: 36-bit
Capacity: 64,000K
Cycle Time: 750 nsec
Features: Multiple-bit error detection, Single-bit error correction
Price: \$1,600,000
Distribution Method: End User
Date First Installed: 1980

Add-In Memory Devices

HONEYWELL, INC.

CMM 8001
Compatibility: Honeywell DPS 8/20, 8/44, 8/47, 8/49
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 32,000K bytes
Cycle Time: 750 nsec
Features: Multiple-bit error detection, Single-bit error correction, interleaving
Price: \$640,000
Distribution Method: End user

HONEYWELL, INC.

CMC 9690
Compatibility: Honeywell DPS 6/90
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 2,048K bytes
Features: Multiple-bit error detection, Single-bit error correction
Price: \$24,000

HONEYWELL, INC.

CMC 9650
Compatibility: Honeywell DPS 6
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1024 K bytes
Features: Battery back-up, Multiple-bit error detection, Single-bit error correction
Price: \$12,000

HONEYWELL, INC.

CMM 9802
Compatibility: Honeywell DPS 640
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Features: Multiple-bit error detection, Single-bit error correction
Price: \$3,500

HONEYWELL, INC.

CMM 9030
Compatibility: Honeywell Micro System 620
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Features: Multiple-bit error detection, Single-bit error correction
Price: \$1,750

HONEYWELL, INC.

CMC 9802
Compatibility: Honeywell Micro System 610
Technology: MOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 384K bytes
Price: \$1,200

ICL, INC.

3422
Compatibility: ICL System 25
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 320K bytes
Features: Battery back-up, Multiple-bit error detection
Price: \$5,600
Distribution Method: Third-party
Number Installed to Date: 6,000
Date First Installed: October 1980
(See Vendor Profile Page V-17)

ILENE INDUSTRIES DATA SYSTEMS, INC.

9000
Compatibility: Ilene INDU9000
Device Type: RAM

Word Size Supported: 32-bit
Capacity: 16M bytes
Cycle Time: 315 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving, 16 Ports to memory
Distribution Method: End user, OEM, Third-party
Number Installed to Date: Under 100
Date First Installed: August 1983
(See Vendor Profile Page V-18)

INCOMNET

EMS
Compatibility: Incomnet Lotus
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 2M bytes
Cycle Time: 300 nsec
Features: Single-bit error correction
Price: \$22,200
Distribution Method: Third-party
Date First Installed: July 1983
(See Vendor Profile Page V-18)

INFOTEC, INC.

128K ADD-ON MEMORY MODULE
Compatibility: Infotec Control Center 3
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 750 nsec
Features: Multiple-bit error detection
Distribution Method: Third-party
Date First Installed: June 1983
(See Vendor Profile Page V-19)

INFOTEC, INC.

384K ADD-ON MEMORY MODULE
Compatibility: Infotec Control Center 5
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 384K bytes
Cycle Time: 750 nsec
Features: Multiple-bit error detection
Distribution Method: Third-party
Date First Installed: June 1983

INFOTEC

AM 25, AM 31
Compatibility: HP 9825, HP 9831
Device Type: RAM
Capacity: 9K bytes
Price: \$500
Distribution Method: End user
Date First Installed: 1977
(See Vendor Profile Page V-19)

INFOTEC

AM 30
Compatibility: HP 9830
Device Type: RAM
Capacity: 32K bytes
Price: \$2,500
Distribution Method: End user
Date First Installed: 1977

INFOTEC

AM 35
Compatibility: HP 9835
Device Type: RAM
Capacity: 64K bytes
Price: \$1,100
Distribution Method: End user
Date First Installed: 1980

INFOTEC

AM 45/45B
Compatibility: HP 9845
Device Type: RAM
Capacity: 128K bytes

Price: \$1,895

Distribution Method: End user
Date First Installed: 1981

INTEGRATED DIGITAL PRODUCTS

MINIMATE
Compatibility: DG Nova
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 2M bytes
Cycle Time: 800 nsec
Features: Battery back-up, Single-bit error correction
Distribution Method: OEM
Number Installed to Date: 450
Date First Installed: May 1979
(See Vendor Profile Page V-19)

INTEL CORP.

ISBC 626A
Compatibility: Intel C Multibus, Intel System/330
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 500 nsec
Features: Battery back-up, Single-bit error correction
Distribution Method: Third-party
Date First Installed: 1980
(See Vendor Profile Page V-19)

INTEL CORP.

ISBC 032A
Compatibility: Intel C Multibus, Intel System/330
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 32K bytes
Cycle Time: 406 nsec
Features: Battery back-up, Single-bit error correction
Distribution Method: Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: 1980

INTEL CORP.

ISBC 058A
Compatibility: Intel C Multibus, Intel System/330
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 500 nsec
Features: Battery back-up, Single-bit error correction
Distribution Method: Third-party
Date First Installed: 1980

INTEL CORP.

ISBC 064 RAM MEMORY BOARD
Compatibility: Intel C Multibus, Intel System/330
Device Type: RAM
Word Size Supported: 8-bit, 16-bit, 8/16 Bit
Capacity: 64K bytes
Cycle Time: 600 nsec
Features: Protection
Distribution Method: Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: 1979

INTEL CORP.

ISBC 064A
Compatibility: Intel C Multibus, Intel System/330
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 450 nsec
Features: Battery back-up, Single-bit

error correction

Distribution Method: Third-party
Date First Installed: 1980

INTEL CORP.

ISBC 341
Compatibility: Intel ISBC 8086, Intel ISBC 86
Device Type: RAM/EPROM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Distribution Method: OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1981

INTEL CORP.

ISBC 428 UNIVERSAL SITE EXPANSION
Compatibility: Intel System 86/330
Device Type: RAM/EPROM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 225 nsec
Features: Battery back-up
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: 1980

INTEL CORP.

ISBC 464 EPROM EXPANSION BOARD
Compatibility: Intel System 86/330
Device Type: EPROM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 35 nsec
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000

INTERFACE ELECTRONICS, INC.

OASIS
Compatibility: DG S140
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 400 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$2,500
Distribution Method: OEM
Number Installed to Date: 6
Date First Installed: July 1982
(See Vendor Profile Page V-19)

INTERNATIONAL ANTEK, INC.

8000
Compatibility: IBM Personal Computer
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 547K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$1,200
Distribution Method: OEM, Third-party
Date First Installed: October 1982
(See Vendor Profile Page V-20)

INTERNATIONAL ANTEK, INC.

8211
Compatibility: Apple
Device Type: RAM
Capacity: 64K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$265
Distribution Method: OEM, Third-party

Add-In Memory Devices

Date First Installed: October 1982

INTERNATIONAL ANTEK, INC. 8212

Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$295
Distribution Method: OEM, Third-party
Date First Installed: October 1982

INTERSIL SYSTEMS, INC. IMC-3 SERIES

Compatibility: DG Nova 3
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 700 nsec
Price: \$1,500
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1978
(See Vendor Profile Page V-20)

INTERSIL SYSTEMS, INC. ISB-3240

Compatibility: Zilog Z80, Intel 8085
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 400 nsec
Features: On-board Refresh
Price: \$429
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1982

INTERSIL SYSTEMS, INC. MCB-512

Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 660 nsec
Features: Single-bit error correction
Price: \$1,570
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1980

INTERSIL SYSTEMS, INC. MCB-512X/2 MEG

Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 2M bytes
Cycle Time: 430 nsec
Features: Single-bit error correction
Price: \$2,000
Date First Installed: August 1983

IPL SYSTEMS, INC. 1601

Compatibility: IPL System 4400 SER.
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$10,000
Distribution Method: End user
Date First Installed: May 1980

(See Vendor Profile Page V-20)

LOCOM CORP. IBM 370/158

Compatibility: IBM 370/158
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 7.6M bytes
Cycle Time: 460 nsec
Features: Single-bit error correction, Multiple-bit error detection
Distribution Method: OEM, Third-party
Date First Installed: March 1980
(See Vendor Profile Page V-22)

LOCOM CORP. IBM 370/168

Compatibility: IBM 370/168
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 12.2M bytes
Cycle Time: 320 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: March 1980

LOCOM CORP. IBM 3031

Compatibility: IBM 3031
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 6.1M bytes
Cycle Time: 345 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: March 1980

LOCOM CORP. IBM 3032

Compatibility: IBM 3032
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 12.2M bytes
Cycle Time: 320 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: March 1980

LOCOM CORP. IBM 3033

Compatibility: IBM
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 24.5M bytes
Cycle Time: 285 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: March 1980

LOMAS DATA PRODUCTS, INC. DYNAMIC

Device Type: RAM

Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 350 nsec
Features: Single-bit error correction
Price: \$795
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: January 1982
(See Vendor Profile Page V-22)

MACROLINK 2/1 MEGABYTE MEMORY EXPANSION

Compatibility: PE 3200
Device Type: RAM
Word Size Supported: 39-bit
Capacity: 2M bytes
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: End user, OEM
Date First Installed: 1981
(See Vendor Profile Page V-22)

MACROLINK 512KB/256KB

Compatibility: PE 3220, PE 3240
Device Type: RAM
Word Size Supported: 39-bit
Capacity: 512K bytes
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: End user, OEM
Date First Installed: 1981

MACROLINK 732 256KB MEMORY MODULE

Compatibility: PE 732
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Cycle Time: 250 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Distribution Method: End user, OEM
Date First Installed: 1980

MACROTECH INTERNATIONAL CORP. MAX-M

Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 1M bytes
Cycle Time: 300 nsec
Features: Single-bit error correction
Price: \$2,449
Distribution Method: OEM
Number Installed to Date: 500
Date First Installed: March 1983
(See Vendor Profile Page V-22)

MACROTECH INTERNATIONAL CORP. MAX-256

Compatibility: S100
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 300 nsec
Features: Single-bit error correction
Distribution Method: OEM
Number Installed to Date: 300
Date First Installed: March 1983

MACROTECH INTERNATIONAL CORP. MAX-384

Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 384K bytes
Cycle Time: 300 nsec
Features: Single-bit error correction

Price: \$1,464
Distribution Method: OEM
Number Installed to Date: 200
Date First Installed: March 1983

MACROTECH INTERNATIONAL CORP. MAX-512

Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 300 nsec
Features: Single-bit error correction
Price: \$8,303
Number Installed to Date: 200
Date First Installed: March 1983

MACROTECH INTERNATIONAL CORP. MAX-640

Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 640K bytes
Cycle Time: 300 nsec
Features: Single-bit error correction
Price: \$2,028
Distribution Method: OEM
Number Installed to Date: 200
Date First Installed: March 1983

MACROTECH INTERNATIONAL CORP. MAX-768

Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 768K bytes
Cycle Time: 300 nsec
Features: Single-bit error correction
Price: \$2,165
Distribution Method: OEM
Number Installed to Date: 200
Date First Installed: March 1983

MACROTECH INTERNATIONAL CORP. MAX-896

Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 896K bytes
Cycle Time: 300 nsec
Features: Single-bit error correction
Price: \$2,307
Distribution Method: OEM
Number Installed to Date: 200
Date First Installed: March 1983

MAGNUSON COMPUTER SYSTEMS, INC. 4500

Compatibility: Magnuson M/80 3X
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$10,000
Distribution Method: End user
Number Installed to Date: 800
Date First Installed: July 1978
(See Vendor Profile Page V-22)

MAGNUSON COMPUTER SYSTEMS, INC. 4600

Compatibility: Magnuson M 80/4X
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 150 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$10,000
Distribution Method: End user
Number Installed to Date: 400
Date First Installed: March 1980

Add-In Memory Devices

MASSCOMP

ME-510
Compatibility: Masscomp MC-500
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$5,000
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: November 1982
(See Vendor Profile Page V-22)

MASSCOMP

MEX-515
Compatibility: Masscomp MC-500
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1.5M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$7,300
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: December 1982

MASSCOMP

MEX-525
Compatibility: Masscomp MC-500
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 2.5M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$12,200
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: December 1982

MASSCOMP

MEX-535
Compatibility: Masscomp MC-500
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 3.5M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$17,100
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: December 1982

MASSCOMP

MEX-545
Compatibility: Masscomp MC-500
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 4.5M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$22,000
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: December 1982

MASSCOMP

MEX-555
Compatibility: Masscomp MC-500
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 5.5M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection

Price: \$26,000
Distribution Method: End user, OEM
Number Installed to Date: Under 100
Date First Installed: December 1982

MEASUREMENT SYSTEMS & CONTROLS, INC.

DM5-5400
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 330 nsec
Price: \$695
Distribution Method: OEM, Third-party
Date First Installed: 1979
(See Vendor Profile Page V-23)

MEASUREMENT SYSTEMS & CONTROLS, INC.

HDM-2800
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 330 nsec
Features: Battery back-up
Price: \$1,295
Distribution Method: OEM
Date First Installed: 1979

MEASUREMENT SYSTEMS & CONTROLS, INC.

HDMC-2MEG
Compatibility: Multibus
Device Type: Cache
Word Size Supported: 16-bit
Capacity: 2M bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$2,400
Distribution Method: OEM, Third-party
Date First Installed: August 1983

MEASUREMENT SYSTEMS & CONTROLS, INC.

HDMC-512
Device Type: Cache
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$2,400
Distribution Method: OEM, Third-party
Date First Installed: August 1983

MEMORY MERCHANT

MM5K14
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 150 nsec
Price: \$198
Distribution Method: End user, OEM, Third-party
Date First Installed: March 1981
(See Vendor Profile Page V-23)

MEMORY MERCHANT

MM5K165
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 150 nsec
Price: \$529
Distribution Method: End user, OEM, Third-party
Date First Installed: September 1981

MICROBAR SYSTEMS, INC.

DUAL BUS RAM BOARD DBR50-12K
Compatibility: Intel 330X
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 450 nsec
Features: Interleaving
Price: \$1,455
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: 1981
(See Vendor Profile Page V-23)

MICROBAR SYSTEMS, INC.

DUAL BUS RAM BOARD-256K
Compatibility: Intel 330X
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 450 nsec
Features: Interleaving
Price: \$1,715
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: 1981

MICROBAR SYSTEMS, INC.

DUAL BUS RAM BOARD-512K
Compatibility: Intel 330X
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 450 nsec
Features: Interleaving
Price: \$2,275
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: 1981

MICRODATA CORP.

REALITY 4700 SERIES
Compatibility: Microdata 4700
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 800 nsec
Features: Battery back-up, Single-bit error correction
Distribution Method: End user, Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: November 1973
(See Vendor Profile Page V-24)

MICRODATA CORP.

SEQUEL VMS 3200
Compatibility: Microdata, Sequel VMS
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 4M bytes
Cycle Time: 600 nsec
Features: Battery back-up, Single-bit error correction
Distribution Method: End user, Third-party
Number Installed to Date: 100 - 500
Date First Installed: January 1981

MICRODATA CORP.

SOVEREIGN SERIES 7000
Compatibility: Microdata
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 14.3M bytes
Cycle Time: 200 nsec
Features: Single-bit error correction, Interleaving
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: July 1982

MICRO MEMORY, INC.

MM-110SD
Compatibility: DEC LSI-11
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 275 nsec
Price: \$650
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: 1981
(See Vendor Profile Page V-24)

MICRO MEMORY, INC.

MM-68000 64KB
Compatibility: Motorola 68000 Bus
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 450 nsec
Price: \$350
Number Installed to Date: 500 - 1,000
Date First Installed: 1980

MICRO MEMORY, INC.

MM-9085C
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 220 nsec
Features: Battery back-up, Calendar-Clock
Price: \$825
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: 1982

MICRO MEMORY, INC.

MM-8086D
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 400 nsec
Price: \$895
Distribution Method: End user, OEM
Number Installed to Date: 5,000 - 10,000

MICRO MEMORY, INC.

MM-8085E
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction
Price: \$1,495
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: 1982

MICROSOFT

APPLE II RAM CARD
Compatibility: Apple II
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 350 nsec
Price: \$100
Distribution Method: Third-party
Date First Installed: January 1981
(See Vendor Profile Page V-24)

MICROSOFT

PC RAM CARD
Compatibility: IBM Personal Computer
Device Type: RAM
Word Size Supported: 8-bit

Add-In Memory Devices

Capacity: 256K bytes
Cycle Time: 200 nsec
Price: \$350 to \$875
Distribution Method: Third-party
Date First Installed: January 1982

MICROSOFT

SYSTEM CARD
Compatibility: IBM Personal
Computer
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Price: \$395 to \$625
Distribution Method: Third-party
Date First Installed: January 1983

MINI-COMPUTER SYSTEMS, INC.

MICOS ILO 128
Compatibility: Mini-Computer Micos
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction
Price: \$6,675
Distribution Method: Third-party
Number Installed to Date: 75
Date First Installed: January 1981
(See Vendor Profile Page V-24)

MINI-COMPUTER SYSTEMS, INC.

MICOS ILO 256
Compatibility: Mini-Computer Micos
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction
Price: \$7,500
Distribution Method: Third-party
Number Installed to Date: 100
Date First Installed: January 1981

MINI-COMPUTER SYSTEMS, INC.

MICOS ILO 512
Compatibility: Mini-Computer Micos
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction
Price: \$9,500
Distribution Method: Third-party
Number Installed to Date: 25
Date First Installed: January 1981

MONOLITHIC SYSTEMS CORP.

MSC 3610
Compatibility: DEC VAX 11/750
Device Type: RAM
Capacity: 256K bytes
Cycle Time: 375 nsec
Features: EDAC Compatible
Price: \$515
Distribution Method: OEM, Third-party
Number Installed to Date: 5,000 - 10,000
(See Vendor Profile Page V-25)

MONOLITHIC SYSTEMS CORP.

MSC 3612
Compatibility: DEC VAX 11/750
Device Type: RAM
Capacity: 256K bytes
Cycle Time: 700 nsec
Features: EDAC
Price: \$1,036
Number Installed to Date: 5,000 - 10,000

MONOLITHIC SYSTEMS CORP.

MSC 3612
Compatibility: DEC VAX 11/750
Device Type: RAM
Capacity: 1M bytes
Cycle Time: 700 nsec
Features: EDAC Compatible
Price: \$2,250
Number Installed to Date: 5,000 - 10,000

MONOLITHIC SYSTEMS CORP.

MSC 4808
Compatibility: DEC LSI/23
Device Type: RAM
Capacity: 256K bytes
Cycle Time: 560 nsec
Features: Parity CSR
Price: \$771
Number Installed to Date: 5,000 - 10,000
Date First Installed: 1977

MORROW DESIGNS, INC.

64K STATIC RAM BOARD
Device Type: SRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Price: \$500
Distribution Method: Third-party
Number Installed to Date: 4,000
Date First Installed: January 1981
(See Vendor Profile Page V-25)

MORROW DESIGNS, INC.

256K DYNAMIC RAM BOARD
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Price: \$1,000
Number Installed to Date: 200
Date First Installed: June 1983

MOSTEK CORP.

MK8003
Compatibility: DG Nova 3
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 700 nsec
Features: Single-bit error correction
Price: \$3,000
Distribution Method: End user, OEM, Third-party
(See Vendor Profile Page V-25)

MOSTEK CORP.

MK8015
Compatibility: DEC PDP-11
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 425 nsec
Features: Multiple-bit error detection, Interleaving
Price: \$1,280
Distribution Method: End user, OEM, Third-party

MOSTEK CORP.

MK8016
Compatibility: DEC VAX 11/750
Device Type: DRAM
Capacity: 512K bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$1,400
Distribution Method: End user, OEM, Third-party

MOSTEK CORP.

MK8018
Compatibility: DG Nova 4, Eclipse

Device Type: DRAM

Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 750 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$2,800
Distribution Method: End user, OEM, Third-party

MOSTEK CORP.

MK8022
Compatibility: DEC LSI-11
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 944 nsec
Features: Battery back-up, Multiple-bit error detection
Price: \$890
Distribution Method: End user, OEM, Third-party

MOSTEK CORP.

MK8024
Compatibility: DG Eclipse
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 1,200 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$5,180
Distribution Method: End user, OEM, Third-party

MOSTEK CORP.

MK8033
Compatibility: DG MV/8000
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Features: Multiple-bit error detection, Interleaving
Price: \$6,500
Distribution Method: End user, OEM, Third-party
Date First Installed: 1982

MOSTEK CORP.

MK8035
Compatibility: PE 3200, PE 3250, PE 3230, PE 3240
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 512K bytes
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$10,500
Distribution Method: End user, OEM, Third-party

MOSTEK CORP.

MK8044
Compatibility: DEC PDP-11/44
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 1,170 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$2,360
Distribution Method: End user, OEM, Third-party

MOSTEK CORP.

MK8064
Device Type: ROM
Capacity: 1M bytes
Cycle Time: 375 nsec
Price: \$6,415

Distribution Method: End user, OEM, Third-party
Date First Installed: 1983

MOSTEK CORP.

MK8075
Compatibility: DEC PDP 11/70, DEC VAX 11/750
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 512K bytes
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$1,090
Distribution Method: End user, OEM, Third-party

MOSTEK CORP.

MK8200
Device Type: DRAM
Word Size Supported: 64-bit
Capacity: 64M bytes
Cycle Time: 400 nsec
Price: \$140,000

MOTOROLA, INC.

MMS 1132
Compatibility: DEC LSI II
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 500 nsec
Features: Battery back-up
Price: \$800
Distribution Method: OEM, Third-party
Date First Installed: 1981
(See Vendor Profile Page V-25)

MOTOROLA, INC.

MMS 8512E
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 550 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$2,035
Distribution Method: OEM, Third-party
Date First Installed: 1981

MOTOROLA, INC.

MMS 8701
Device Type: DRAM
Word Size Supported: 12-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 420 nsec
Features: Battery back-up
Price: \$890
Distribution Method: OEM, Third-party
Date First Installed: 1982

MPC PERIPHERALS CORP.

AP-EP
Compatibility: Apple II
Device Type: EPROM
Capacity: 32K bytes
Distribution Method: Third-party
(See Vendor Profile Page V-25)

MPC PERIPHERALS CORP.

AP-16 16K
Compatibility: Apple II
Device Type: RAM
Capacity: 64K bytes
Distribution Method: Third-party

MPC PERIPHERALS CORP.

AT-32 32K
Compatibility: Atari 400, Atari 800
Device Type: RAM

Add-In Memory Devices

Capacity: 32K bytes
Distribution Method: Third-party

MPC PERIPHERALS CORP.
BUBDISK 128K
Compatibility: Apple
Device Type: PROM
Capacity: 128K bytes
Distribution Method: Third-party

MPC PERIPHERALS CORP.
RAMTEXT 64K
Compatibility: Apple IIE
Device Type: RAM
Capacity: 64K bytes
Distribution Method: Third-party

MYLEE DIGITAL SCIENCES, INC.
3603 86K MEMORY BOARD
Compatibility: Mylee 3000
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 96K bytes
Cycle Time: 800 nsec
Features: Battery back-up
Price: \$3,150
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1977
(See Vendor Profile Page V-25)

NATIONAL SEMICONDUCTOR CORP.
NS11L
Compatibility: DEC PDP-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 450 nsec
Features: Battery back-up
Price: \$785
Distribution Method: End user, OEM
Date First Installed: August 1979
(See Vendor Profile Page V-26)

NATIONAL SEMICONDUCTOR CORP.
NS11U
Compatibility: DEC PDP-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 450 nsec
Features: Battery back-up
Price: \$1,895
Distribution Method: End user, OEM
Date First Installed: July 1981

NATIONAL SEMICONDUCTOR CORP.
NS23L
Compatibility: DEC LSI-11, PDP-11/03, LSI-11/2, LSI-11/23
Device Type: RAM
Word Size Supported: 16-bit, 18-bit, 22-bit
Capacity: 64K bytes
Cycle Time: 1,000 nsec
Features: Battery back-up
Price: \$325
Distribution Method: End user, OEM
Date First Installed: September 1980

NATIONAL SEMICONDUCTOR CORP.
NS23M
Compatibility: DEC LSI-11/23
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 1,000 nsec
Features: Battery back-up

Price: \$525
Distribution Method: End user, OEM
Date First Installed: July 1981

NATIONAL SEMICONDUCTOR CORP.
NS23R
Compatibility: DEC PDP-11/23, LSI-11, PDP-11 Series
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 1,000 nsec
Features: Battery back-up
Price: \$1,995
Distribution Method: End user, OEM
Date First Installed: September 1982

NATIONAL SEMICONDUCTOR CORP.
NS44F
Compatibility: DEC PDP-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 450 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$1,350
Distribution Method: End user, OEM
Date First Installed: August 1981

NATIONAL SEMICONDUCTOR CORP.
NS70/75
Compatibility: DEC PDP-11/70, VAX-11/750
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Cycle Time: 500 nsec
Features: Battery back-up, Single-bit error correction
Price: \$895
Distribution Method: End user, OEM
Date First Installed: May 1981

NATIONAL SEMICONDUCTOR CORP.
NS753
Compatibility: DEC VAX-11/730, VAX-11/750
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 500 nsec
Features: Battery back-up, Single-bit error correction
Price: \$1,895
Distribution Method: End user, OEM
Date First Installed: October 1982

NATIONAL SEMICONDUCTOR CORP.
NS780
Compatibility: DEC VAX-11/780
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 512K bytes
Cycle Time: 425 nsec
Features: Battery back-up
Price: \$1,225
Distribution Method: End user, OEM
Date First Installed: July 1980

NCR CORP.
NCR 23C64
Device Type: ROM
Capacity: 64K bytes
Cycle Time: 250 nsec
Features: Mask Programmable
Distribution Method: OEM
(See Vendor Profile Page V-26)

NCR CORP.
NCR 1400
Device Type: EPROM
Capacity: 425K bytes
Distribution Method: OEM

NCR CORP.
NCR 2051
Device Type: EPROM
Capacity: 64K bytes
Cycle Time: 3,500 nsec
Distribution Method: OEM

NCR CORP.
NCR 2053
Device Type: EPROM
Capacity: 64K bytes
Cycle Time: 3,500 nsec

NCR CORP.
NCR 2254
Device Type: ROM
Capacity: 8K bytes
Cycle Time: 100 nsec

NCR CORP.
NCR 2316
Device Type: ROM
Capacity: 16K bytes
Cycle Time: 450 nsec
Features: Mask Programmable
Distribution Method: OEM

NCR CORP.
NCR 2332
Device Type: ROM
Capacity: 32K bytes
Cycle Time: 450 nsec
Features: Mask Programmable
Distribution Method: OEM

NCR CORP.
NCR 2333
Device Type: ROM
Capacity: 32K bytes
Cycle Time: 450 nsec
Features: Mask Programmable
Distribution Method: OEM

NCR CORP.
NCR 2364
Device Type: ROM
Capacity: 64K bytes
Cycle Time: 450 nsec
Features: Mask Programmable
Distribution Method: OEM

NCR CORP.
NCR 3400
Device Type: EPROM
Capacity: 4K bytes
Cycle Time: 900 nsec
Distribution Method: OEM

NCR CORP.
NCR 7033
Device Type: EPROM
Capacity: 42K bytes
Distribution Method: OEM

NCR CORP.
NCR 23128
Device Type: ROM
Capacity: 128K bytes
Cycle Time: 300 nsec
Features: Mask Programmable
Distribution Method: OEM

NCR CORP.
NCR 23256
Device Type: ROM
Capacity: 256K bytes
Cycle Time: 450 nsec
Features: Mask Programmable
Date First Installed: October 1983

NCR CORP.
NCR 52601
Device Type: NVRAM
Capacity: 1K bytes
Cycle Time: 300 nsec
Distribution Method: OEM
Date First Installed: November 1983

NCR CORP.
NCR 52002
Device Type: NVRAM
Capacity: 2K bytes
Cycle Time: 300 nsec
Distribution Method: OEM
Date First Installed: November 1983

NCR CORP.
NCR 52004
Device Type: NVRAM
Capacity: 4K bytes
Cycle Time: 300 nsec
Distribution Method: OEM
Date First Installed: December 1983

NCR CORP.
NCR 52210
Device Type: NVRAM
Capacity: 32K bytes
Cycle Time: 300 nsec
Distribution Method: OEM

NCR CORP.
NCR 52211
Device Type: NVRAM
Capacity: 64K bytes
Cycle Time: 300 nsec
Distribution Method: OEM

NCR CORP.
NCR 52212
Device Type: NVRAM
Capacity: 1K bytes
Cycle Time: 300 nsec
Date First Installed: September 1983

NCR CORP.
NCR 52801
Device Type: EEPROM
Capacity: 32K bytes
Distribution Method: OEM

NCR CORP.
NCR 52832
Device Type: EEPROM
Capacity: 32K bytes
Distribution Method: OEM
Date First Installed: September 1983

NEC INFORMATION SYSTEMS
BP0300
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 650 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$2,095
Number Installed to Date: 500 - 1,000
Date First Installed: 1981
(See Vendor Profile Page V-26)

NEW ENGLAND DIGITAL CORP.
NEB BOARD
Compatibility: New England Digital
Device Type: SRAM
Word Size Supported: 16-bit
Capacity: 8K bytes
Features: Interleaving
Price: \$825
Distribution Method: OEM

Add-In Memory Devices

Number Installed to Date: 500 -
1,000
Date First Installed: 1977
(See Vendor Profile Page V-26)

NEW ENGLAND DIGITAL CORP.

MDK BOARD
Compatibility: New England Digital
Device Type: SRAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Features: Interleaving
Price: \$2,500
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: 1982

NIXDORF COMPUTER CORP.

8089
Compatibility: Nixdorf 8870
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Features: Battery back-up, Single-bit error correction
Price: \$1,500
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-26)

NIXDORF COMPUTER CORP.

8084
Compatibility: Nixdorf 8870
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Features: Battery back-up
Price: \$4,000
Distribution Method: End user

NIXDORF COMPUTER CORP.

9091
Compatibility: Nixdorf 8890
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 64K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving, Automatic memory
Price: \$8,585
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: November 1981

NIXDORF COMPUTER CORP.

9092
Compatibility: Nixdorf 8890
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 64K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving, Automatic memory
Price: \$17,170
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: November 1981

NORSK DATA NORTH AMERICAN, INC.

115
Compatibility: Norsk 100
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Features: Battery back-up, Single-bit error correction, Interleaving
Price: \$3,500
Distribution Method: End user
(See Vendor Profile Page V-26)

NORSK DATA NORTH AMERICAN, INC.

116
Compatibility: Norsk 100
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Features: Battery back-up, Single-bit error correction, Interleaving
Price: \$5,000
Distribution Method: End user

NORSK DATA NORTH AMERICAN, INC.

117
Compatibility: Norsk 100
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Features: Battery back-up, Single-bit error correction, Interleaving
Price: \$7,100
Distribution Method: End user, OEM

NORSK DATA NORTH AMERICAN, INC.

MULTI-PORT MEMORY 101
Compatibility: Norsk 500
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Features: Battery back-up, Single-bit error correction, Interleaving
Price: \$17,000
Distribution Method: End user, OEM

NORSK DATA NORTH AMERICAN, INC.

MULTI-PORT MEMORY 102
Compatibility: Norsk 500
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Features: Battery back-up, Single-bit error correction, Interleaving
Price: \$27,000
Distribution Method: End user, OEM

NORSK DATA NORTH AMERICAN, INC.

MULTI-PORT MEMORY 122
Compatibility: Norsk 500
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Features: Battery back-up, Single-bit error correction, Interleaving
Price: \$6,000
Distribution Method: End user, OEM

NORSK DATA NORTH AMERICAN, INC.

MULTI-PORT MEMORY 124
Compatibility: Norsk 500
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Features: Battery back-up, Single-bit error correction, Interleaving
Price: \$10,800
Distribution Method: End user, OEM

OCTAGON COMPUTER SYSTEMS

128K STATIC RAMBOARD
Compatibility: Octagon CPU 8/16
Device Type: SRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Features: Single-bit error correction
Price: \$1,095
Distribution Method: Third-party
Number Installed to Date: 125
Date First Installed: May 1983
(See Vendor Profile Page V-27)

OCTAGON COMPUTER SYSTEMS

256K STATIC RAMBOARD
Compatibility: Octagon CPU 8/16
Device Type: SRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Features: Single-bit error correction
Price: \$1,850
Distribution Method: Third-party
Number Installed to Date: 150
Date First Installed: May 1983

PARADYNE CORP.

8360
Compatibility: Paradyne Response
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Cycle Time: 185 nsec
Features: Single-bit error correction
Distribution Method: End user, OEM
Date First Installed: 1981
(See Vendor Profile Page V-27)

PARADYNE CORP.

8360-02
Compatibility: Paradyne Response
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 185 nsec
Features: Single-bit error correction
Distribution Method: OEM
Date First Installed: 1981

PCE SYSTEMS

BSR 64/256
Compatibility: CCS
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 295 nsec
Price: \$900
Distribution Method: OEM
Number Installed to Date: Under 100
Date First Installed: 1981
(See Vendor Profile Page V-28)

PCE SYSTEMS

BSR 256
Compatibility: PCE System Voyager
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 95 nsec
Price: \$900
Distribution Method: Third-party
Number Installed to Date: 50
Date First Installed: August 1981

PEBX, INC.

MECC V-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 550 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$895
Distribution Method: OEM
Number Installed to Date: 100 - 500
Date First Installed: January 1981
(See Vendor Profile Page V-28)

PHOENIX DATA, INC.

MEM-1108
Compatibility: DEC PDP-11, LSI-11, VAX-11/780; Gould SEL 32
Technology: CCD
Device Type: RAM/ROM
Word Size Supported: 8-bit
Capacity: 64K bytes

Cycle Time: 10 nsec
Features: Interleaving, Expansion memory
Price: \$800
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: May 1978
(See Vendor Profile Page V-28)

PICEON, INC.

SR2
Compatibility: Alpha Micro AM100
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 250 nsec
Features: Bank Selection
Price: \$475
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: 1978
(See Vendor Profile Page V-28)

PICEON, INC.

SR4C
Compatibility: Cromemco System 2, Cromemco System 3
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 250 nsec
Features: Bank Selection
Price: \$475
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: September 1981

PICEON, INC.

SR5
Compatibility: Alpha Micro AM100, AM100L, AM100T, S100
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 250 nsec
Features: Bank Selection
Price: \$475
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1982

PICEON, INC.

SR25
Compatibility: Alpha Micro AM100, AM100L, AM100T, S100
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 250 nsec
Features: Bank Selection
Price: \$660
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1982

PICEON, INC.

SR50
Compatibility: Alpha Micro AM100, AM100L, S100; Morrow
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 250 nsec
Features: Bank Selection
Price: \$1,060
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: June 1982

Add-In Memory Devices

PICEON, INC.

SR512
Compatibility: Alpha Micro AM100, AM100L, AM100T, S100
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 250 nsec
Features: Single-bit error correction, Multiple-bit error detection, Bank Selection
Price: \$1,995
Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: May 1983

PICEON, INC.

SR1000-128K
Compatibility: Alpha Micro AM1000
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 250 nsec
Features: Bank selection
Price: \$420
Distribution Method: Third-party
Date First Installed: July 1983

PICEON, INC.

SR1000-256K
Compatibility: Alpha Micro AM1000
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 250 nsec
Features: Bank selection
Price: \$835
Distribution Method: Third-party
Date First Installed: July 1983

PLESSEY MICROSYSTEMS

PSM 14A
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit, 32-bit
Capacity: 1M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Error logging
Price: \$3,525
Distribution Method: OEM
Number Installed to Date: 200
(See Vendor Profile Page V-29)

PLESSEY MICROSYSTEMS

PSM 512A
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 450 nsec
Features: Multiple-bit error detection, Error logging
Price: \$1,200
Distribution Method: OEM
Number Installed to Date: 5,000

PLESSEY MICROSYSTEMS

PSM 512P
Compatibility: Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 512K bytes
Cycle Time: 340 nsec
Features: Single-bit error correction, Error logging
Price: \$1,100
Distribution Method: OEM
Number Installed to Date: 5,000
Date First Installed: March 1982

PLEXUS COMPUTERS

2009A
Compatibility: Plexus P/25, Plexus P/40

Device Type: RAM
Capacity: 512K bytes
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$5,500
Distribution Method: OEM
Number Installed to Date: 500 - 1,000
Date First Installed: September 1982
(See Vendor Profile Page V-29)

PLEXUS COMPUTERS

2009A
Compatibility: Plexus P/25, Plexus P/40
Device Type: RAM
Capacity: 1M bytes
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$9,500
Distribution Method: OEM
Number Installed to Date: 500 - 1,000
Date First Installed: September 1982

PLEXUS COMPUTERS

2012A
Compatibility: Plexus P/35, Plexus P/60
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$5,500
Distribution Method: OEM
Number Installed to Date: 500 - 1,000
Date First Installed: September 1982

PLEXUS COMPUTERS

2013A
Compatibility: Plexus P/35, Plexus P/60
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$9,500
Distribution Method: OEM
Number Installed to Date: 500 - 1,000
Date First Installed: September 1982

POINT FOUR DATA CORP.

LOTUS CACHE MEMORY
Compatibility: Point Four Mark 4, DG Nova, Point Four
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 800 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$5,700
Distribution Method: OEM
Date First Installed: November 1981
(See Vendor Profile Page V-29)

PRIME COMPUTER, INC.

MMW-1MB
Word Size Supported: 32-bit
Capacity: 512K bytes
Cycle Time: 130 nsec
Features: Multiple-bit error

detection, single-bit error correction, Interleaving
Price: \$7,500
Distribution Method: End User
Date First Installed: June 1981
(See Vendor Profile Page V-29)

PRIME COMPUTER, INC.

MMW-1MB
Word Size Supported: 32-bit
Capacity: 1M byte
Cycle Time: 130 nsec
Features: Multiple-bit error detection, Single-bit error correction
Price: \$10,500
Distribution Method: End User
Date First Installed: June 1981

PRIME COMPUTER, INC.

MMW-2MB
Word Size Supported: 32-bit
Capacity: 2M bytes
Cycle Time: 84 nsec
Features: Multiple-bit error detection, Single-bit error correction
Price: \$15,500
Distribution Method: End User
Date First Installed: July 1982

QUADRAM CORP.

QUAD 512+
Compatibility: IBM Personal Computer
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 400 nsec
Features: Multiple-bit error detection
Price: \$895
Distribution Method: Third-party
Date First Installed: 1982
(See Vendor Profile Page V-30)

QUADRAM CORP.

QUADBOARD
Compatibility: IBM Personal Computer
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 400 nsec
Features: Multiple-bit error detection
Price: \$395
Distribution Method: Third-party
Date First Installed: 1982

QUADRAM CORP.

QUADBOARD II
Compatibility: IBM Personal Computer
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 400 nsec
Features: Multiple-bit error detection
Price: \$595
Distribution Method: Third-party
Date First Installed: 1982

QUASITRONICS, INC.

BWM-32
Device Type: EERAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Features: Interleaving
Price: \$170
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-30)

QUASITRONICS, INC.

EERAM-32
Device Type: EERAM

Word Size Supported: 8-bit
Capacity: 4K bytes
Features: Interleaving
Price: \$250
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1980

QUASITRONICS, INC.

EERAM-32P
Device Type: EERAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Features: Interleaving
Price: \$250
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1980

QUASITRONICS, INC.

PRM-16
Device Type: PROM
Word Size Supported: 8-bit
Capacity: 16K bytes
Features: Interleaving
Price: \$115
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1980

QUASITRONICS, INC.

SRAM-16
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Features: Interleaving
Price: \$130
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1980

QUASITRONICS, INC.

SRAM-16P
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Features: Interleaving
Price: \$270
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1980

RELATIONAL MEMORY SYSTEMS, INC.

RMEN-16K
Compatibility: Intel Multibus
Device Type: DRAM
Capacity: 16K bytes
Cycle Time: 300 nsec
Price: \$466
Distribution Method: OEM
Number Installed to Date: 250
Date First Installed: January 1978
(See Vendor Profile Page V-30)

RELATIONAL MEMORY SYSTEMS, INC.

RMEN-32K
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 32K bytes
Cycle Time: 300 nsec
Price: \$518
Distribution Method: OEM

Add-In Memory Devices

Number Installed to Date: 250
Date First Installed: January 1978

RELATIONAL MEMORY SYSTEMS, INC.

RMEH-44K
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 300 nsec
Price: \$540
Distribution Method: OEM
Number Installed to Date: 500
Date First Installed: January 1978

RELATIONAL MEMORY SYSTEMS, INC.

RMEH-128K
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 300 nsec
Price: \$1,376
Distribution Method: OEM
Number Installed to Date: 250
Date First Installed: 1978

RELATIONAL MEMORY SYSTEMS, INC.

RMEH-256K
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Cycle Time: 300 nsec
Price: \$1,480
Distribution Method: OEM
Number Installed to Date: 250
Date First Installed: January 1978

REXON BUSINESS MACHINES CORP.

128K MEMORY MODULE
Compatibility: Rexion RX 100, Rexion RX 400
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 700 nsec
Features: Parity
Price: \$750
Distribution Method: Third-party
Number Installed to Date: 1,000
Date First Installed: June 1982
(See Vendor Profile Page V-31)

R-G-B DESIGNS, INC.

BCS-190
Compatibility: Apple II
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 375 nsec
Price: \$49
Distribution Method: Third-party
Number Installed to Date: 20,000
Date First Installed: September 1981
(See Vendor Profile Page V-31)

R-G-B DESIGNS, INC.

BCS-10200
Compatibility: IBM Personal Computer
Device Type: DRAM
Word Size Supported: 12-bit
Capacity: 192K bytes
Cycle Time: 375 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$750
Distribution Method: Third-party
Number Installed to Date: 100 - 500

Date First Installed: February 1982

R-G-B DESIGNS, INC.

MIORAM
Compatibility: IBM Personal Computer
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 375 nsec
Features: Single-bit error correction
Price: \$400
Distribution Method: Third-party
Date First Installed: June 1983

R.N. ELECTRONICS, INC.

SUPER RAM II
Compatibility: Apple II Plus
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 150 nsec
Price: \$78
Distribution Method: End user, Third-party
Number Installed to Date: 10,000 - 50,000
Date First Installed: 1979
(See Vendor Profile Page V-31)

RIANDA ELECTRONICS

ARES MODEL 2850
Compatibility: DG Nova, Eclipse, Point Four Mark 5/8
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$4,900
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: April 1982
(See Vendor Profile Page V-31)

RIDGE COMPUTERS

1MB MEMORY CARD
Compatibility: Ridge 32
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 375 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$5,000
Distribution Method: End user, OEM
Number Installed to Date: 50
Date First Installed: September 1982
(See Vendor Profile Page V-31)

SATURN SYSTEMS, INC.

ACCELERATOR II
Compatibility: Apple II, Apple II+
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 150 nsec
Price: \$599
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: April 1983
(See Vendor Profile Page V-31)

SATURN SYSTEMS, INC.

NEPTUNE 54
Compatibility: Apple IIe
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 200 nsec

Features: Bank switching

Price: \$249
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: June 1983

SATURN SYSTEMS, INC.

NEPTUNE 128
Compatibility: Apple IIe
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 200 nsec
Features: Built-in 80 COL
Price: \$399
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: June 1983

SATURN SYSTEMS, INC.

NEPTUNE 192
Compatibility: Apple IIe
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 192K bytes
Cycle Time: 200 nsec
Price: \$499
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: June 1983

SATURN SYSTEMS, INC.

SATURN RAM CARD 32
Compatibility: Apple II, Apple II+, Apple IIe
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 200 nsec
Features: Bank switching
Price: \$219
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: June 1981

SATURN SYSTEMS, INC.

SATURN RAM CARD 64
Compatibility: Apple II, Apple II+, Apple IIe
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Price: \$349
Distribution Method: Third-party
Number Installed to Date: 5,000 - 10,000
Date First Installed: March 1982

SATURN SYSTEMS, INC.

SATURN RAM CARD 128
Compatibility: Apple II, Apple IIe, Apple II+
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 200 nsec
Features: Bank switching
Price: \$499
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: February 1982

SATURN SYSTEMS, INC.

TITAN
Compatibility: IBM Personal Computer
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 576K bytes
Cycle Time: 410 nsec
Features: Single-bit error correction, Bank switching

Price: \$695

Distribution Method: Third-party
Number Installed to Date: Under 100
Date First Installed: July 1983

SMC SEIGOM

86A0
Compatibility: Seiko 8610
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 180 nsec
Price: \$5,000
Distribution Method: Third-party
Number Installed to Date: 2,500
Date First Installed: October 1982
(See Vendor Profile Page V-32)

SPERRY CORP.

28A7-98
Compatibility: Sperry 1100-60
Device Type: RAM
Word Size Supported: 36-bit
Capacity: 2M bytes
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$6,400
Distribution Method: End user
Number Installed to Date: 1,200
Date First Installed: 1979
(See Vendor Profile Page V-33)

SYNAPSE COMPUTER CORP.

MSM-1000
Compatibility: Synapse N + 1
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 800 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$14,000
Distribution Method: End user, OEM
Number Installed to Date: 18
Date First Installed: December 1982
(See Vendor Profile Page V-33)

SYNERTEK, INC.

SY6364/SY6365
Device Type: ROM
Word Size Supported: 8-bit
Capacity: 8192K bytes
Cycle Time: 200 nsec
Number Installed to Date: 250
Date First Installed: January 1978

Synortek, Inc.

3001 Stander Way
Box 552
Santa Clara, CA 95054
(408) 988-5600

Major Market: Component and Computer Manufacturer
Target Industries: Computer Manufacturers and OEM
Contacts:
Head of Marketing: Mel Phelps
Established: 1973
Number of Employees: 2500
Geographic Coverage: International

SYNERTEK, INC.

SY2101
Compatibility: AMD
Device Type: RAM
Word Size Supported: 4-bit

Add-In Memory Devices

Word Size Supported: 4-bit
Capacity: 256K bytes
Cycle Time: 500 nsec

SYNERTEK, INC.

SY2111

Compatibility: AMD
Device Type: RAM
Word Size Supported: 4-bit
Capacity: 256K bytes
Cycle Time: 500 nsec

SYNERTEK, INC.

SY2112

Compatibility: AMD
Device Type: RAM
Word Size Supported: 4-bit
Capacity: 256K bytes
Cycle Time: 500 nsec

SYNERTEK, INC.

SY2114A

Compatibility: AMD; TI; Motorola;
Intel
Device Type: RAM
Word Size Supported: 4-bit
Capacity: 1024K bytes
Cycle Time: 100 nsec

SYNERTEK, INC.

SY2149H

Compatibility: AMD; Intel; Hitachi, TI
Device Type: RAM
Word Size Supported: 4-bit
Capacity: 1024K bytes
Cycle Time: 45 nsec

SYNERTEK, INC.

SY2157

Compatibility: Fujitsu; Intel; Hitachi;
TI
Device Type: RAM
Word Size Supported: 1-bit
Capacity: 16,384K bytes
Cycle Time: 55 nsec

SYNERTEK, INC.

SY2169

Compatibility: Fujitsu; Intel; TI
Device Type: RAM
Word Size Supported: 4-bit
Capacity: 4096K bytes
Cycle Time: 50 nsec

SYSTEMS GROUP

DM 6400

Compatibility: IEEE-696
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 250 nsec
Price: \$377
Distribution Method: Third-party
Number Installed to Date: 10,000 -
50,000
Date First Installed: January 1979
(See Vendor Profile Page V-34)

SYSTEMS GROUP

DMB 6400

Compatibility: IEEE696
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 250 nsec
Features: Bank Selectable
Price: \$415
Distribution Method: Third-party
Number Installed to Date: 10,000 -
50,000

SYSTEMS GROUP

DMB6400

Compatibility: S100

Device Type: DRAM

Word Size Supported: 8-bit

Capacity: 64K bytes

Cycle Time: 250 nsec

Price: \$415

Distribution Method: Third-party

Number Installed to Date: 20,000

Date First Installed: June 1980

SYSTEMS GROUP

HDM128

Compatibility: S100

Device Type: DRAM

Word Size Supported: 8-bit

Capacity: 128K bytes

Cycle Time: 250 nsec

Features: Single-bit error correction,
Bank Selectable

Price: \$777

Distribution Method: Third-party

Number Installed to Date: 5,000

Date First Installed: January 1981

SYSTEMS GROUP

HDM 2800

Compatibility: IEEE-696

Device Type: DRAM

Word Size Supported: 8-bit

Capacity: 128K bytes

Cycle Time: 250 nsec

Features: Battery back-up

Price: \$777

Distribution Method: Third-party

Number Installed to Date: 10,000 -
50,000

Date First Installed: January 1981

SYSTEMS GROUP

HDMC512

Compatibility: IEEE-796

Device Type: DRAM

Word Size Supported: 16-bit

Capacity: 512K bytes

Cycle Time: 250 nsec

Features: Single-bit error correction,
Multiple-bit error detection

Price: \$2,650

Distribution Method: Third-party

Date First Installed: June 1983

SYSTEMS GROUP

HDMC512K

Compatibility: Multibus

Device Type: DRAM

Word Size Supported: 16-bit

Capacity: 512K bytes

Cycle Time: 20 nsec

Features: Single-bit error correction,
Multiple-bit error detection

Price: \$2,650

Distribution Method: Third-party

Number Installed to Date: 500

Date First Installed: June 1983

TALL TREE SYSTEMS

JRAM

Compatibility: IBM Personal

Computer-XT, Compaq

Device Type: RAM

Word Size Supported: 8-bit

Capacity: 512K bytes

Cycle Time: 275 nsec

Price: \$800

Distribution Method: End user,

Third-party

Number Installed to Date: 500 -
1,000

Date First Installed: February 1982

(See Vendor Profile Page V-34)

TARBELL ELECTRONICS

256K-ASM

Compatibility: S100

Device Type: DRAM

Word Size Supported: 8-bit, 16-bit

Capacity: 256K bytes

Cycle Time: 225 nsec

Features: Single-bit error correction

Price: \$1,400

Distribution Method: Third-party

Number Installed to Date: Under
100

Date First Installed: July 1982

(See Vendor Profile Page V-34)

TARBELL ELECTRONICS

MEM 64K-ASM

Compatibility: S100

Device Type: SRAM

Word Size Supported: 8-bit, 16-bit

Capacity: 64K bytes

Cycle Time: 70 nsec

Price: \$500

Number Installed to Date: Under
100

Date First Installed: July 1982

TECHNICAL MICRO SYSTEMS

16K RAM/32K EPROM

Compatibility: TI 990 Family, TI TMS

9900

Device Type: RAM/SRAM/EPROM

Word Size Supported: 16-bit

Capacity: 32K bytes

Cycle Time: 450 nsec

Features: DSELCT RAM/EPROM

Price: \$595

Distribution Method: End user

Number Installed to Date: 100 - 500

Date First Installed: 1981

(See Vendor Profile Page V-36)

TECHNICO, INC.

32K RAM BOARD

Compatibility: Technico TI32

Device Type: RAM

Word Size Supported: 16-bit

Capacity: 32K bytes

Features: Battery back-up

Price: \$499

Distribution Method: End user

Number Installed to Date: 1,000 -
5,000

Date First Installed: 1977

(See Vendor Profile Page V-36)

TECHNICO, INC.

192K RAM BOARD

Compatibility: Technico TI32

Device Type: RAM

Word Size Supported: 16-bit

Capacity: 192K bytes

Features: Battery back-up

Price: \$1,299

Distribution Method: End user

Date First Installed: 1983

TECMAR, INC.

1ST MATE

Compatibility: IBM Personal

Computer-XT, Compaq, TI PROF.

Device Type: RAM

Word Size Supported: 8-bit

Capacity: 256K bytes

Cycle Time: 425 nsec

Features: Single-bit error correction

Price: \$389

Distribution Method: OEM, Third-

party

Date First Installed: September

1982

(See Vendor Profile Page V-36)

TELEVIDEO SYSTEMS, INC.

1603M

Compatibility: Televideo 1603

Device Type: RAM

Word Size Supported: 16-bit

Capacity: 128K bytes

Price: \$595

Distribution Method: OEM

Date First Installed: March 1983

(See Vendor Profile Page V-36)

TELEVIDEO SYSTEMS, INC.

ADDITIONAL MEMORY RAM

Compatibility: Televideo 803

Device Type: RAM

Word Size Supported: 8-bit

Capacity: 64K bytes

Distribution Method: OEM

TOSHIBA AMERICA, INC.

BAG OF CHIPS

Compatibility: Toshiba T300

Device Type: RAM

Word Size Supported: 8-bit

Capacity: 64K bytes

Price: \$150

Distribution Method: Third-party

Number Installed to Date: Under
100

Date First Installed: June 1983

(See Vendor Profile Page V-37)

TOSHIBA AMERICA, INC.

RAMPACK 16

Compatibility: Toshiba T100

Portable

Device Type: RAM

Word Size Supported: 8-bit

Capacity: 16K bytes

Features: Battery back-up

Price: \$195

Distribution Method: Third-party

Date First Installed: February 1983

TOSHIBA AMERICA, INC.

RAMPACK 32

Compatibility: Toshiba T100

Portable

Device Type: RAM

Word Size Supported: 8-bit

Capacity: 32K bytes

Features: Battery back-up

Price: \$295

Distribution Method: Third-party

Date First Installed: May 1983

TRENDATA CORP.

PINCOMM AS

Compatibility: General Automation

16/10, 16/220

Device Type: RAM

Word Size Supported: 16-bit

Capacity: 128K bytes

Cycle Time: 500 nsec

Features: Battery back-up, Single-bit

error correction, Multiple-bit error

detection

Distribution Method: Third-party

(See Vendor Profile Page V-38)

TRENDATA CORP.

PINCOMM HPS

Compatibility: HP 1000 Series

Device Type: RAM

Word Size Supported: 16-bit

Capacity: 512K bytes

Cycle Time: 500 nsec

Features: Single-bit error correction

Price: \$3,000

Distribution Method: Third-party

TRENDATA CORP.

PINCOMM PS

Compatibility: DEC PDP-11

Device Type: MOS

Word Size Supported: 16-bit

Capacity: 128K bytes

Cycle Time: 450 nsec

Features: Single-bit error correction

Price: \$945

Add-In Memory Devices

TRENDATA CORP.

PINCOMM H6
Compatibility: Honeywell Series 60, DPS-6
Device Type: DRAM
Word Size Supported: 16-bit, 24-bit
Capacity: 64K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction
Price: \$720
Distribution Method: Third-party

TRENDATA CORP.

PINCOMM 23S
Compatibility: DEC LSI-11/23, LSI-11, PDP-11/23, PDP-11/3
Device Type: RAM
Word Size Supported: Dual 8 Bit
Capacity: 256K bytes
Cycle Time: 470 nsec
Features: Battery back-up, Parity
Price: \$970
Distribution Method: Third-party

TRENDATA CORP.

PINCOMM 23S+
Compatibility: DEC PDP-11/23, Micro-11, PDP-11/23S, LSI-11/23
Device Type: RAM
Word Size Supported: Dual 8-bit
Capacity: 1M bytes
Cycle Time: 470 nsec
Features: Battery back-up, Single-bit error correction
Price: \$2,945
Distribution Method: Third-party

TRENDATA CORP.

PINCOMM 24S
Compatibility: DEC PDP 11/24
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 450 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection
Price: \$2,895
Distribution Method: Third-party

TRENDATA CORP.

PINCOMM 44S
Compatibility: DEC PDP 11/44
Device Type: RAM
Word Size Supported: Dual 16-bit
Capacity: 1M bytes
Cycle Time: 525 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, ECC
Price: \$3,430
Distribution Method: Third-party

TRENDATA CORP.

PINCOMM 78S
Compatibility: DEC PDP 11/70
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Cycle Time: 650 nsec
Features: Battery back-up, ECC
Price: \$995

TRENDATA CORP.

PINCOMM 730S
Compatibility: DEC VAX 11/730
Device Type: RAM
Word Size Supported: 32-bit
Cycle Time: 650 nsec
Features: Battery back-up, ECC
Price: \$2,800

TRENDATA CORP.

PINCOMM 750S
Compatibility: DEC VAX 11/750

Device Type: RAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Cycle Time: 800 nsec
Features: Battery back-up, ECC
Price: \$995
Distribution Method: Third-party

TRENDATA CORP.

PINCOMM 750S+
Compatibility: DEC VAX 11/750
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 650 nsec
Features: Battery back-up, ECC
Price: \$2,800
Distribution Method: Third-party

TRENDATA CORP.

PINCOMM 780S
Compatibility: DEC VAX-11/780
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 256K bytes
Cycle Time: 530 nsec
Features: ECC
Price: \$995
Distribution Method: Third-party

TRENDATA CORP.

PINCOMM 780S+
Compatibility: DEC VAX-11/780, VAX-11/782
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 2M bytes
Cycle Time: 530 nsec
Features: Battery back-up, ECC
Price: \$4,800
Distribution Method: Third-party

TRENDATA CORP. PINCOMM

780SX
Compatibility: DEC VAX-11/780
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$2,800
Distribution Method: Third-party
Date First Installed: July 1983

WESPERMICRO SYSTEMS, INC.

WIZARD PC MEMORY CARD
Compatibility: IBM
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Multiple-bit error detection
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-39)

WINTK CORP.

MRA16
Compatibility: Wintek 44 Pin Bus
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 450 nsec
Price: \$299
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1976
(See Vendor Profile Page V-39)

XICOR

X2201A NOVDRAM
Device Type: NOVDRAM

Word Size Supported: 4-bit
Capacity: 1K bytes
Cycle Time: 300 nsec
Price: \$15
Distribution Method: OEM
Number Installed to Date: More than 50,000
Date First Installed: May 1980
(See Vendor Profile Page V-39)

XICOR

X2210 NOVDRAM
Device Type: NOVDRAM
Word Size Supported: 4-bit
Cycle Time: 300 nsec
Distribution Method: OEM
Number Installed to Date: 500,000
Date First Installed: June 1981

XICOR

X2212 NOVDRAM
Device Type: NOVDRAM
Word Size Supported: 4-bit
Capacity: 1K bytes
Cycle Time: 300 nsec
Price: \$12
Distribution Method: OEM
Number Installed to Date: 500,000
Date First Installed: June 1981

XICOR

X2444 NOVDRAM
Device Type: NOVDRAM
Word Size Supported: 16-bit
Cycle Time: 300 nsec
Distribution Method: OEM
Number Installed to Date: 2,000
Date First Installed: April 1983

XICOR

X2804 EEPROM
Device Type: EEPROM
Capacity: 4K bytes
Cycle Time: 300 nsec
Price: \$15
Number Installed to Date: 60,000
Date First Installed: November 1982

XICOR

X2816A EEPROM
Device Type: EEPROM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 300 nsec
Price: \$28
Distribution Method: OEM
Number Installed to Date: 200,000
Date First Installed: July 1982

ZENDEX CORP.

ZX-012
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 600 nsec
Features: Single-bit error correction
Price: \$1,690
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1983
(See Vendor Profile Page V-40)

ZENDEX CORP.

ZX-012E
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 460 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$3,010
Distribution Method: End user
Number Installed to Date: Under 100

Date First Installed: January 1983

ZENDEX CORP.

ZX-028
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 600 nsec
Features: Single-bit error correction
Price: \$780
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1983

ZENDEX CORP.

ZX-058
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 600 nsec
Features: Single-bit error correction
Price: \$1,375
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1983

ZILOG, INC.

1 MEG
Compatibility: Zilog System 8000
Models 21, 31, 11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1,024K
Features: Multiple-bit error detection, Single-bit error correction
Price: \$6,950
Distribution Method: End User, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1981
(See Vendor Profile Page V-40)

ZILOG, INC.

512K ECC
Compatibility: Zilog System 8000
Models 11, 21, 31
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Features: Multiple-bit error detection, Single-bit error correction
Distribution Method: End User
Date First Installed: 1981

ZILOG, INC.

512K With Parity
Compatibility: Zilog System 8000
Models 11, 21, 31
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Features: Multiple-bit error detection
Price: \$3,450
Distribution Method: End user, OEM
Date First Installed: 1983

ZITEL CORP.

CM-5150
Compatibility: DG Eclipse
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction, High Speed Cache
Price: \$3,500
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: September 1980
(See Vendor Profile Page V-40)

Add-In Memory Devices

ZITEL CORP.

CM-5160-D128
Compatibility: DG Nova
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 500 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Memory management
Price: \$4,500
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: September 1980

ZITEL CORP.

ZBC-0512
Compatibility: Intel Multibus
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 400 nsec
Features: Single-bit error correction
Price: \$1,400
Distribution Method: End user
Number Installed to Date: 150
Date First Installed: January 1982

ZITEL CORP.

ZMT-II
Compatibility: Tandon Nonstop II
Device Type: DRAM
Word Size Supported: 22-bit
Capacity: 2M bytes
Cycle Time: 400 nsec
Features: Single-bit error correction
Price: \$18,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: September 1982

ZITEL CORP.

ZMT-16
Compatibility: Tandon Nonstop I
Device Type: DRAM
Word Size Supported: 22-bit
Capacity: 2M bytes
Cycle Time: 400 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$18,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: January 1982

ZOBEX

ZBC-256K
Compatibility: IBM Personal Computer
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 400 nsec
Features: Single-bit error correction
Price: \$335
Distribution Method: Third-party
Number Installed to Date: 600
Date First Installed: January 1982
(See Vendor Profile Page V-40)

ZOBEX

ZMS-100
Compatibility: S100
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 400 nsec
Features: Bank Selectable
Price: \$395
Distribution Method: Third-party
Number Installed to Date: 1,000
Date First Installed: January 1980

Add-In Memories Using Other Technologies

AMDAHL CORP.

5850/5840-32 MEG
Compatibility: Amdahl 5840, 5850
Technology: NMOS
Device Type: RAM
Word Size Supported: 128-bit
Cycle Time: 300 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$640,000
Distribution Method: End user
Date First Installed: August 1983
(See Vendor Profile Page V-2)

AMDAHL CORP.

5860-64MEG
Compatibility: Amdahl 5860
Technology: NMOS
Device Type: RAM
Word Size Supported: 128
Capacity: 65.5M bytes
Cycle Time: 300 nsec
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: End user
Date First Installed: August 1982

BUBBL-TEC

BBC-128
Compatibility: Intel Multibus
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$1,600
Distribution Method: OEM
Date First Installed: August 1982
(See Vendor Profile Page V-5)

BUBBL-TEC

GBI-1
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$1,300
Distribution Method: OEM
Date First Installed: March 1982

BUBBL-TEC

GBM-1
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$700
Distribution Method: OEM
Date First Installed: February 1982

BUBBL-TEC

MBI-1
Compatibility: Intel Multibus
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$3,100
Distribution Method: OEM
Date First Installed: August 1982

BUBBL-TEC

PBB-1
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$1,900
Distribution Method: OEM
Date First Installed: June 1982

BUBBL-TEC

PBC-1
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$500
Date First Installed: June 1982

BUBBL-TEC

QBC-11/02
Compatibility: DEC LSI-11
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$750
Distribution Method: OEM
Date First Installed: June 1982

BUBBL-TEC

QBI-II
Compatibility: DEC LSI-11
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$3,500
Distribution Method: OEM
Date First Installed: June 1982

BUBBL-TEC

QSB-11
Compatibility: DEC LSI-11
Technology: Bubble
Device Type: Bubble
Word Size Supported: 8-bit
Capacity: 120K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$1,700
Distribution Method: OEM
Date First Installed: February 1982

BUBBL-TEC

VBI-1
Technology: Bubble
Device Type: Bubble
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$6,400

BUBBL-TEC

VMI-1
Technology: Bubble
Device Type: Bubble
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 1,000 nsec
Features: Multiple-bit error detection
Price: \$1,900

CENTRAL DATA CORP.

B1035
Technology: CMOS

Device Type: RAM/EPROM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Features: Battery back-up
Date First Installed: March 1983
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.

B1035 EPROM/RAM/EEPROM
Technology: CMOS
Device Type: RAM/EPROM
Word Size Supported: 8-bit, 16-bit
Features: Battery back-up
Price: \$715
Distribution Method: End user, OEM, Third-party
Date First Installed: April 1983

CENTRAL DATA CORP.

B1035/128K
Compatibility: Multibus
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 295 nsec
Features: Battery back-up
Price: \$2,410
Date First Installed: April 1983
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.

B1035/32K
Compatibility: Multibus
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 32K bytes
Features: Battery back-up
Price: \$945
Distribution Method: End user, OEM, Third-party
Date First Installed: April 1983

CONTEMPORARY CONTROL SYSTEMS, INC.

S849
Device Type: PROM/SRAM
Word Size Supported: 8-bit
Capacity: 2K bytes
Cycle Time: 250 nsec
Price: \$125
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: June 1982
(See Vendor Profile Page V-9)

CONTROL DATA CORP.

16751-1
Compatibility: CDC Cyber 170-875
Technology: Bipolar
Device Type: RAM
Word Size Supported: 60-bit
Capacity: 2,000K bytes
Cycle Time: 75 nsec
Features: Multiple-bit error detection, Single-bit error correction
Price: \$320,000
Distribution Method: End User
Date First Installed: 1982
(See Vendor Profile Page V-9)

CROMEMCO, INC.

16KZ
Compatibility: S100
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 200 nsec
Price: \$495
Distribution Method: Third-party
Date First Installed: 1980
(See Vendor Profile Page V-9)

Add-In Memory Devices

CROMEMCO, INC.

84KZ
Compatibility: S100
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 100 nsec
Price: \$695
Distribution Method: Third-party
Date First Installed: 1981

CROMEMCO, INC.

256KZ
Compatibility: S100
Technology: CMOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 150 nsec
Price: \$1,295
Distribution Method: Third-party
Date First Installed: 1982

CROMEMCO, INC.

512MSU
Compatibility: S100
Technology: CMOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 150 nsec
Price: \$2,995
Distribution Method: Third-party
Date First Installed: 1982

CYBERCHRON CORP.

CSM-8322
Compatibility: DEC PDP-11/23
Technology: MOS/CMOS
Device Type: EPROM
Capacity: 128K bytes
Features: Battery back-up
Price: \$650
Distribution Method: Third-party
Number Installed to Date: 100 - 500
Date First Installed: 1983
(See Vendor Profile Page V-10)

DATARAM CORP.

DR-114
Compatibility: DEC PDP-11
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Price: \$3,340
Distribution Method: OEM
Date First Installed: 1977
(See Vendor Profile Page V-11)

DATARAM CORP.

DR-114M
Compatibility: DEC PDP-11
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Features: Single-bit error correction
Price: \$3,340
Distribution Method: OEM
Date First Installed: 1977

DATARAM CORP.

DR-115
Compatibility: DEC LSI-11
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Features: Single-bit error correction
Price: \$2,035
Distribution Method: OEM
Date First Installed: September 1978

DATARAM CORP.

DR-118
Compatibility: DEC PDP-8/E/F
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 12-bit
Capacity: 16K bytes
Features: Single-bit error correction
Price: \$2,335
Distribution Method: OEM
Date First Installed: 1975

DATARAM CORP.

DR-118A
Compatibility: DEC PDP-8/A
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 12-bit
Capacity: 32K bytes
Features: Single-bit error correction
Price: \$3,085
Distribution Method: OEM

DATARAM CORP.

DR-123
Compatibility: DG Nova 3/4, Nova 3/12, Nova 3D
Technology: Magnetic Core
Device Type: RAM
Capacity: 32K bytes
Price: \$2,030
Distribution Method: OEM

DATARAM CORP.

DR-124
Compatibility: DG Nova 2/4, Nova 2/10
Technology: Magnetic Core
Device Type: RAM
Capacity: 32K bytes
Price: \$2,030
Distribution Method: OEM
Date First Installed: 1975

DATARAM CORP.

DR-128
Compatibility: Modcomp II
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Features: Single-bit error correction
Price: \$7,865
Distribution Method: End user
Date First Installed: 1976

DATARAM CORP.

DR-716
Compatibility: PE 50,55,70, 74,7/16, 7/32,8/32
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Features: Single-bit error correction
Price: \$2,445
Distribution Method: OEM
Date First Installed: 1975

DATARAM CORP.

DR-717
Compatibility: PE 50,55,70, 8/32, 6/16
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Features: Single-bit error correction
Price: \$3,980
Distribution Method: OEM
Date First Installed: 1978

DATARAM CORP.

DR-1200
Compatibility: DG Nova 1200, Nova

1210, Nova 1220, Nova 1230

Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Price: \$2,155
Distribution Method: OEM
Date First Installed: 1973

DENELCOR, INC.

ECL MEMORY, 1000
Compatibility: Denelcor H1000
Technology: ECL
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 1M bytes
Cycle Time: 50 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$175,000
Distribution Method: End user
Number Installed to Date: 35
Date First Installed: February 1982
(See Vendor Profile Page V-12)

DAN MICRO PRODUCTS, INC.

84KCMOS-MEM
Compatibility: OSI C2/C3/C4, 200 Series, 300 Series
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 150 nsec
Price: \$500
Distribution Method: End user, Third-party
Number Installed to Date: 100 - 500
Date First Installed: June 1983
(See Vendor Profile Page V-13)

DUAL SYSTEMS CORP.

CMAN 16
Technology: CMOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 16K bytes
Cycle Time: 400 nsec
Features: Battery back-up
Price: \$695
Distribution Method: End user, OEM, Third-party
Date First Installed: July 1980
(See Vendor Profile Page V-14)

DUAL SYSTEMS CORP.

CMAN 32
Technology: CMOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Cycle Time: 400 nsec
Features: Battery back-up
Price: \$695
Distribution Method: End user, OEM, Third-party
Date First Installed: July 1980

DUAL SYSTEMS CORP.

DMAN
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 660 nsec
Features: Single-bit error correction
Price: \$1,295
Distribution Method: End user, OEM, Third-party
Date First Installed: December 1980

EMM/SESCO

MEZABYTE
Compatibility: SEMS Memory Bus
Technology: Magnetic Core

Device Type: RAM

Word Size Supported: 8-bit
Capacity: 15M bytes
Cycle Time: 2,000 nsec
Price: \$220,000
Distribution Method: End user
Number Installed to Date: 100 - 500
Date First Installed: January 1978
(See Vendor Profile Page V-14)

EMM/SESCO

SEMS-16
Compatibility: SEMS Memory Bus
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 18-bit
Capacity: 32K bytes
Cycle Time: 900 nsec
Price: \$7,000
Number Installed to Date: 10,000 - 50,000

EMM/SESCO

SEMS-20
Compatibility: SEMS Memory Bus
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 18-bit
Capacity: 64K bytes
Cycle Time: 900 nsec
Price: \$9,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000

EMM/SESCO

SEMS-21
Compatibility: SEMS Memory Bus
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 18-bit
Capacity: 128K bytes
Cycle Time: 900 nsec
Price: \$12,000
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000

EMM/SESCO

BUBBLE MEMORY
Compatibility: SEMS Memory Bus
Technology: Bubble
Device Type: Serial
Word Size Supported: 4-bit
Capacity: 16M bytes
Price: \$320,000
Distribution Method: End user
Number Installed to Date: Under 100
Date First Installed: January 1983

HEWLETT-PACKARD CO.

97040A
Compatibility: HP 9000 Series 500
Technology: NMOS
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Cycle Time: 110 nsec
Features: Multiple-bit error detection, Single-bit error correction
Price: \$3,000
Distribution Method: End User
Date First Installed: November 1982
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.

12103D
Compatibility: HP 1000 A Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 1M byte
Cycle Time: 454 nsec
Price: \$4,500

Add-In Memory Devices

Distribution Method: End User
Date First Installed: June 1983

HEWLETT-PACKARD CO.
12103F
Compatibility: HP 1000 A Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 4M bytes
Cycle Time: 454 nsec
Price: \$16,000
Distribution Method: End User
Date First Installed: June 1983

HEWLETT-PACKARD CO.
12104C
Compatibility: HP 1000 A Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 2048K bytes
Cycle Time: 500 nsec
Price: \$13,000
Distribution Method: End User
Date First Installed: March 1982

HEWLETT-PACKARD CO.
12230C
Compatibility: HP 1000 A Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 3M bytes
Cycle Time: 181 nsec
Features: Multiple-bit error detection, Single-bit error correction
Price: \$16,000
Date First Installed: November 1982

HEWLETT-PACKARD CO.
12002A
Compatibility: HP 1000 L Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Price: \$1,710
Distribution Method: End User

HEWLETT-PACKARD CO.
120023
Compatibility: HP 1000 L Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Price: \$3,150
Distribution Method: End User

HEWLETT-PACKARD CO.
12003A
Compatibility: HP 1000 L Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Price: \$1,510
Distribution Method: End User

HEWLETT-PACKARD CO.
12786D
Compatibility: HP 1000 E Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 1024K bytes
Cycle Time: 665 nsec
Price: \$13,320
Distribution Method: End User
Date First Installed: 1976

HEWLETT-PACKARD CO.
12787D
Compatibility: HP 1000 E Series

Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 1024K
Cycle Time: 735 nsec
Price: \$17,420
Distribution Method: End User
Date First Installed: 1976

HEWLETT-PACKARD CO.
12788A
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K
Cycle Time: 420 nsec
Price: \$3,520
Distribution Method: End User
Date First Installed: 1978

HEWLETT-PACKARD CO.
12788H
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 2048K bytes
Cycle Time: 420 nsec
Price: \$18,020
Distribution Method: End User
Date First Installed: 1978

HEWLETT-PACKARD CO.
12748H
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 420 nsec
Price: \$1,505
Distribution Method: End User
Date First Installed: 1978

HEWLETT-PACKARD CO.
12747H
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 665 nsec
Price: \$1,905
Distribution Method: End User
Date First Installed: 1976

HEWLETT-PACKARD CO.
12699H
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Price: \$2,510
Distribution Method: End User

HEWLETT-PACKARD CO.
12749H
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 512K
Cycle Time: 665 nsec
Price: \$5,005
Distribution Method: End User
Date First Installed: 1976

HEWLETT-PACKARD CO.
12780H
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit

Capacity: 512K bytes
Price: \$2,405
Distribution Method: End User

HEWLETT-PACKARD CO.
12731A
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Price: \$1,065
Distribution Method: End User

HEWLETT-PACKARD CO.
12892B
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Price: \$530
Distribution Method: End User

HEWLETT-PACKARD CO.
13307B
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Price: \$530
Distribution Method: End User

HEWLETT-PACKARD CO.
12789B
Compatibility: HP 1000 E/F Series
Technology: NMOS
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256-bit
Cycle Time: 735 nsec
Price: \$6,320
Distribution Method: End User
Date First Installed: 1976

IDE ASSOCIATES, INC.
MPR SERIES
Compatibility: IBM Personal Computer, XT
Technology: PCDOS
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 410 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$449
Distribution Method: End user
Date First Installed: December 1982
(See Vendor Profile Page V-17)

IDE ASSOCIATES, INC.
XPR-X SERIES
Compatibility: IBM Personal Computer, XT
Technology: PCDOS
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 410 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$539
Distribution Method: End user
Date First Installed: December 1982

IDE ASSOCIATES, INC.
XPR-XX SERIES
Compatibility: IBM Personal Computer, XT
Technology: PCDOS
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 410 nsec

Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$569
Distribution Method: End user
Date First Installed: December 1982

IDE ASSOCIATES, INC.
XPR-XXX SERIES
Compatibility: IBM Personal Computer, XT
Technology: PCDOS
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 410 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Interleaving
Price: \$599
Distribution Method: End user
Date First Installed: December 1982

INFOREX, INC.
1303-1/1360 FEATURE A UPGRADE
Compatibility: Inforex 1303-1
Technology: Semiconductor
Device Type: MOS
Word Size Supported: 8-bit
Capacity: 40K bytes
Features: Battery back-up
Price: \$4,000
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1973
(See Vendor Profile Page V-18)

INTERSIL SYSTEMS, INC.
IBM 370 SERIES 158
Compatibility: IBM 370/158
Technology: CMOS
Device Type: RAM
Capacity: 16M bytes
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: OEM
Date First Installed: 1978
(See Vendor Profile Page V-20)

INTERSIL SYSTEMS, INC.
IBM 370 SERIES 168
Compatibility: IBM 370/168
Technology: NMOS
Device Type: RAM
Capacity: 16M bytes
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: OEM
Date First Installed: 1978

INTERSIL SYSTEMS, INC.
IBM 3000/3031
Compatibility: IBM 3000/3031
Technology: NMOS
Device Type: RAM
Capacity: 16M bytes
Features: Single-bit error correction, Multiple-bit error detection, Interleaving
Distribution Method: OEM
Date First Installed: 1978

INTERSIL SYSTEMS, INC.
IBM 3000/3032
Compatibility: IBM 3000/3032
Technology: NMOS
Device Type: RAM
Capacity: 16M bytes
Features: Single-bit error correction, Multiple-bit error detection, Interleaving

Add-In Memory Devices

Distribution Method: OEM
Date First Installed: 1978

INTERISL SYSTEMS, INC.

IBM 3000/3033
Compatibility: IBM 3000/3033
Technology: NMOS
Device Type: RAM
Capacity: 32M bytes
Features: Single-bit error correction,
Multiple-bit error detection,
Interleaving
Distribution Method: OEM
Date First Installed: 1978

INTERISL SYSTEMS, INC.

IMC-11/23
Compatibility: DEC LSI-11
Technology: CMOS
Device Type: SRAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Cycle Time: 450 nsec
Price: \$375
Distribution Method: OEM, Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1981

INTERISL SYSTEMS, INC.

ISB-3216
Technology: CMOS
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 230 nsec
Features: Battery back-up
Price: \$514
Distribution Method: OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: September 1980

INTERISL SYSTEMS, INC.

ISB-3218
Technology: NMOS
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 560 nsec
Features: Switch Selectable
Price: \$328
Distribution Method: OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: January 1982
(See Vendor Profile Page V-20)

INTERISL SYSTEMS, INC.

ISB-3220
Technology: CMOS
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 230 nsec
Features: Battery back-up
Price: \$486
Distribution Method: OEM, Third-party
Number Installed to Date: 100 - 500

INTERISL SYSTEMS, INC.

MCB-3311
Compatibility: Multibus
Technology: CMOS
Device Type: SRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 32K bytes
Cycle Time: 500 nsec
Features: Battery back-up
Price: \$875
Distribution Method: OEM, Third-party

Number Installed to Date: 500 - 1,000
Date First Installed: June 1981

INTERISL SYSTEMS, INC.

MCB-3314
Technology: CMOS
Device Type: SRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 270 nsec
Features: Battery back-up
Price: \$1,035
Distribution Method: OEM, Third-party
Number Installed to Date: 100 - 500
Date First Installed: January 1983

ITHACA INTERSYSTEMS

256KDR
Compatibility: S100
Technology: Bipolar
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Price: \$1,500
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
Date First Installed: January 1981
(See Vendor Profile Page V-20)

LOMAS DATA PRODUCTS, INC.

STATIC
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 130 nsec
Features: Battery back-up
Price: \$1,200
Distribution Method: Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: July 1982
(See Vendor Profile Page V-22)

MACROTECH INTERNATIONAL CORP.

128-ST
Compatibility: S100
Technology: CMOS
Device Type: SRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 70 nsec
Features: Battery back-up
Price: \$1,232
Distribution Method: OEM
Number Installed to Date: 300
Date First Installed: December 1982
(See Vendor Profile Page V-22)

MICRO MEMORY, INC.

MM-1103C
Compatibility: DEC LSI-11
Technology: CMOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 32K bytes
Cycle Time: 220 nsec
Features: Battery back-up
Price: \$650
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: 1982
(See Vendor Profile Page V-24)

MICRO MEMORY, INC.

MM-1123C
Compatibility: DEC LSI-11
Technology: CMOS

Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 220 nsec
Features: Battery back-up,
Clock/Calendar
Price: \$875
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: 1982

MICRO MEMORY, INC.

MM-6800C
Compatibility: Motorola 6800 Bus
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 250 nsec
Features: Battery back-up
Price: \$595
Number Installed to Date: 500 - 1,000
Date First Installed: 1982

MICRO MEMORY, INC.

MM-6800/CT
Compatibility: Motorola 6800 Bus
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 250 nsec
Features: Battery back-up,
Clock/Calendar
Price: \$650
Number Installed to Date: 100 - 500
Date First Installed: 1982

MICRO MEMORY, INC.

MM-6800D 512KB
Compatibility: Motorola 68000
Technology: CMOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 400 nsec
Features: Clock/Calendar
Price: \$1,150
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500
Date First Installed: 1982

MICRO MEMORY, INC.

MM-8000C
Compatibility: Intel Multibus
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 128K bytes
Cycle Time: 250 nsec
Features: Battery back-up
Price: \$995
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: September 1982

MICRO MEMORY, INC.

MM-68000C
Compatibility: Motorola 68000
Technology: CMOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 250 nsec
Features: Battery back-up,
Clock/Calendar
Price: \$1,295
Distribution Method: End user, OEM
Number Installed to Date: 500 - 1,000
Date First Installed: September 1981

MICRO MEMORY, INC.

MM-1103
Compatibility: DEC LSI-11
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 16K bytes
Features: Non-volatile
Price: \$990
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1976

MICRO MEMORY, INC.

MM-1103/2
Compatibility: DEC LSI-11
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 16K bytes
Price: \$1,350
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1977

MICRO MEMORY, INC.

MM-6800
Compatibility: Motorola 6800 Bus
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 8K bytes
Features: Non-volatile
Price: \$725
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1977

MICRO MEMORY, INC.

MM-6800/16
Compatibility: Motorola 6800 Bus
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Features: Non-volatile
Price: \$849
Date First Installed: 1979

MICRO MEMORY, INC.

MM-8080/16
Compatibility: Intel Multibus
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Price: \$849
Distribution Method: End user
Number Installed to Date: 500 - 1,000
Date First Installed: 1978

MICRO MEMORY, INC.

MM-8080B
Compatibility: Intel Multibus
Technology: Magnetic Core
Device Type: EPROM
Word Size Supported: 8-bit
Capacity: 8K bytes
Price: \$790
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1979

MICRO MEMORY, INC.

MM-8080
Compatibility: Intel Multibus
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 32K bytes
Price: \$1,275

Add-In/Add-On Memory Devices

Capacity: 32K bytes
Price: \$1,275
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1980

MICRO MEMORY, INC.
MM-8086/16
Compatibility: Intel Multibus
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 16K bytes
Price: \$875
Distribution Method: End user, OEM
Number Installed to Date: 1,000 - 5,000
Date First Installed: 1980

MICROPRODUCTS
1040
Compatibility: Apple II
Technology: Bipolar
Device Type: ROM
Capacity: 12K bytes
Cycle Time: 250 nsec
Price: \$100
Distribution Method: End user
Number Installed to Date: 3,000
Date First Installed: May 1982
(See Vendor Profile Page V-24)

NANODATA COMPUTER CORP.
HORIZONTAL CONTROL STORE
Compatibility: Nanodata QM-18
Technology: Semiconductor
Device Type: RAM
Capacity: 16K bytes
Cycle Time: 80 nsec
Features: Single-bit error correction, Multiple-bit error detection
Distribution Method: End user
Number Installed to Date: 100
Date First Installed: 1974
(See Vendor Profile Page V-25)

NANODATA COMPUTER CORP.
MAIN STORE
Compatibility: Nanodata QM-18
Technology: Semiconductor
Device Type: RAM
Word Size Supported: 18-bit
Cycle Time: 80 nsec
Distribution Method: End user
Number Installed to Date: 100
Date First Installed: 1919

NANODATA COMPUTER CORP.
VERTICAL CONTROL STORE
Compatibility: Nanodata QM-18
Tech.: Semiconductor
Device Type: RAM
Word Size Supported: 18-bit
Cycle Time: 80 nsec
Distribution Method: End user
Number Installed to Date: 100
Date First Installed: 1974

NEC INFORMATION SYSTEMS
BP0220
Compatibility: Multibus
Technology: CMOS
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 16K bytes
Cycle Time: 600 nsec
Features: Battery back-up
Price: \$1,300
Distribution Method: End user, OEM, Third-party
Number Installed to Date: 1,000 - 5,000

Date First Installed: 1980
(See Vendor Profile Page V-26)

NEC INFORMATION SYSTEMS
BP0220
Compatibility: Multibus
Technology: CMOS
Device Type: PROM
Word Size Supported: 16-bit
Capacity: 16K bytes
Cycle Time: 600 nsec
Features: Battery back-up
Price: \$1,235
Distribution Method: OEM, Third-party
Number Installed to Date: 500 - 1,000
Date First Installed: 1981

PLESSEY MICROSYSTEMS
PSM 6463
Compatibility: Multibus
Technology: CMOS
Device Type: SRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Features: Battery back-up, Data Retention
Price: \$1,300
Distribution Method: OEM
Number Installed to Date: 2,000
Date First Installed: January 1981
(See Vendor Profile Page V-28)

QUADRI CORP.
CORE MEMORY MODULES
Technology: Magnetic Core
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64K bytes
Cycle Time: 650 nsec
Price: \$8,000
Distribution Method: End user
Number Installed to Date: 10,000 - 50,000
(See Vendor Profile Page V-30)

SMOKE SIGNAL BROADCASTING
DPM-32
Compatibility: Chieftain
Technology: MMOS
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Price: \$1,000
Distribution Method: Third-party
Number Installed to Date: 50
Date First Installed: July 1982
(See Vendor Profile Page V-32)

SMOKE SIGNAL BROADCASTING
M-32-X
Compatibility: Chieftain
Technology: MMOS
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Price: \$395
Distribution Method: Third-party
Number Installed to Date: 3,000
Date First Installed: January 1980

SMOKE SIGNAL BROADCASTING
M-128-X
Compatibility: Chieftain
Technology: MMOS
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Price: \$995
Distribution Method: Third-party

Number Installed to Date: 200
Date First Installed: April 1982

SMOKE SIGNAL BROADCASTING
M-256-X
Compatibility: Chieftain
Technology: MMOS
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Price: \$1,295
Distribution Method: Third-party
Number Installed to Date: 400
Date First Installed: April 1982

SMOKE SIGNAL BROADCASTING
M-512-X
Compatibility: Chieftain
Technology: MMOS
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Price: \$1,895
Distribution Method: Third-party
Number Installed to Date: 200
Date First Installed: April 1982

SYNERTEK, INC.
SY2128
Compatibility: AMD; Fujitsu, NEC, TI
Technology: Silicon Gate
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 2,048K bytes
Cycle Time: 100 nsec

SYNERTEK, INC.
SY2129
Compatibility: AMD; Fujitsu, NEC, TI
Technology: Silicon Gate
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 2,048K bytes
Cycle Time: 100 nsec

SYNERTEK, INC.
SY2147H
Compatibility: TI; NEC; Intel; AMD
Technology: Silicon Gate
Device Type: RAM
Word Size Supported: 1-bit
Capacity: 4096K bytes
Cycle Time: 35 nsec

SYNERTEK, INC.
SY2148H
Compatibility: AMD; Intel; Hitachi; TI
Technology: Silicon Gate
Device Type: RAM
Word Size Supported: 4-bit
Capacity: 1024K bytes
Cycle Time: 45 nsec

SYNERTEK, INC.
SY2150
Compatibility: Mostek
Technology: Silicon Gate
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 1024K bytes
Cycle Time: 120 nsec

SYNERTEK, INC.
SY2159
Compatibility: Mostek
Technology: Silicon Gate
Device Type: RAM
Capacity: 1024K bytes
Cycle Time: 120 nsec

SYNERTEK, INC.
SY2168
Compatibility: Fujitsu; Intel; TI
Technology: Polysilicon Gate

Device Type: RAM
Word Size Supported: 4-bit
Capacity: 4096K bytes
Cycle Time: 55 nsec

SYNERTEK, INC.
SY2101
Technology: Double polysilicon gate
Word Size Supported: 8-bit
Capacity: 1024K bytes
Cycle Time: 100 nsec

TECMAR, INC.
FORGET ME NOT
Compatibility: IBM Personal Computer-XT, Compaq, TI PROF.
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 200 nsec
Features: Battery back-up, Single-bit error correction
Price: \$995
Distribution Method: OEM, Third-party
Date First Installed: February 1981
(See Vendor Profile Page V-36)

WINTK CORP.
MCME1
Compatibility: Wintek 44 Pin Bus
Technology: CMOS
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 2K bytes
Cycle Time: 450 nsec
Features: Battery back-up
Price: \$189
Distribution Method: End user, OEM
Date First Installed: 1977
(See Vendor Profile Page V-39)

Add-On MOS Memories

ADVANCED DIGITAL TECHNOLOGY
VLS SERIES
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 4.5M bytes
Cycle Time: 440 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Dynamic Memory
Price: \$1,295
Distribution Method: End user, OEM
(See Vendor Profile Page V-1)

ADVANCED DIGITAL TECHNOLOGY
VLS SERIES
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 1.5M bytes
Cycle Time: 440 nsec
Features: Battery back-up, Single-bit error correction, Multiple-bit error detection, Dynamic Memory
Price: \$1,295
Distribution Method: End user, OEM

ANATRON, INC.
ANERAM
Compatibility: IBM 5150
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction

Add-On Memory Devices

Price: \$595
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-3)

APPLE COMPUTER, INC.

EXTENDED 64K CARD
Compatibility: Apple IIe
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 500 nsec
Price: \$170
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-3)

APSTEK, INC.

AIC-256 MULTI FUNCTION CARD
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 210 nsec
Features: Single-bit error correction
Price: \$369
Distribution Method: End user, Third-party
(See Vendor Profile Page V-3)

APSTEK, INC.

AIM-256 MEMORY EXPANSION
Compatibility: IBM PC-XT
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 210 nsec
Features: Single-bit error correction
Price: \$259
Distribution Method: End user, Third-party
Date First Installed: May 1982

AXLON, INC.

RAM DRISK 330
Compatibility: Apple II, II+, IIe, III
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 320K bytes
Cycle Time: 200 nsec
Features: Battery back-up
Price: \$1,000
Distribution Method: Third-party
Date First Installed: November 1981
(See Vendor Profile Page V-4)

BGL TECHNOLOGY CORP.

SSD-301
Compatibility: PE
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 300M bytes
Cycle Time: 560 nsec
Features: Battery back-up, Single-bit error correction
Price: \$1,140
Distribution Method: End user
Date First Installed: January 1983
(See Vendor Profile Page V-5)

BIT 3 COMPUTER CORP.

581
Compatibility: Apple II, Atari 800
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 200 nsec
Price: \$69
Distribution Method: Third-party
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-5)

BIT 3 COMPUTER CORP.

520
Compatibility: Apple II, Atari 800

Device Type: RAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 200 nsec
Price: \$70
Number Installed to Date: 1,000 - 5,000

CAMBEX CORP.

EXPANDA STOR II
Compatibility: DEC PDP-11
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 3M bytes
Features: Battery back-up, Single-bit error correction
Price: \$17,000
Distribution Method: End user, OEM, Third-party
Date First Installed: June 1981
(See Vendor Profile Page V-6)

CRAY RESEARCH, INC.

SSD-1
Compatibility: Cray XMP, 1M
Device Type: RAM
Word Size Supported: 24-bit
Capacity: 65M bytes
Cycle Time: 100 nsec
Features: Single-bit error correction, Multiple-bit error detection
Distribution Method: End user
Date First Installed: 1983
(See Vendor Profile Page V-9)

CRAY RESEARCH, INC.

SSD-2
Compatibility: Cray XMP, 1M
Device Type: RAM
Word Size Supported: 24-bit
Capacity: 128M bytes
Cycle Time: 100 nsec
Features: Single-bit error correction, Multiple-bit error detection
Date First Installed: 1983

CRAY RESEARCH, INC.

SSD-3
Compatibility: Cray XMP, 1M
Device Type: RAM
Word Size Supported: 64-bit
Capacity: 256M bytes
Cycle Time: 100 nsec
Features: Single-bit error correction, Multiple-bit error detection
Distribution Method: End user

DASA CORP.

DASA C-200
Device Type: RAM
Word Size Supported: 12-bit
Features: Battery back-up, Single-bit error correction, Interleaving
Price: \$995
Distribution Method: End user
Number Installed to Date: 1,000 - 5,000
(See Vendor Profile Page V-10)

DATA ENGINEERING, INC.

C5501
Compatibility: Gould 3255, 3275
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 32K bytes
Cycle Time: 500 nsec
Price: \$4,000
Distribution Method: End user, OEM
Date First Installed: June 1981
(See Vendor Profile Page V-10)

DATA ENGINEERING, INC.

C5502
Compatibility: Gould 3255, 3275
Device Type: RAM

Word Size Supported: 32-bit
Capacity: 64K bytes
Cycle Time: 600 nsec
Price: \$5,500
Distribution Method: End user
Date First Installed: June 1981

DATA ENGINEERING, INC.

C5503
Compatibility: Gould 3255, 3275
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 128K bytes
Cycle Time: 600 nsec
Price: \$9,500
Distribution Method: End user, OEM

DATA ENGINEERING, INC.

C5511
Compatibility: Gould 3255, 3275
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 64K bytes
Cycle Time: 300 nsec
Price: \$4,500
Distribution Method: End user
Number Installed to Date: 100 - 500

DATA ENGINEERING, INC.

C5512
Compatibility: Gould 3255, 3275
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 64K bytes
Cycle Time: 300 nsec
Price: \$6,000
Distribution Method: End user
Date First Installed: June 1981

DATA ENGINEERING, INC.

C5513
Compatibility: Gould 3255, 3275
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 120K bytes
Cycle Time: 300 nsec
Price: \$10,400
Distribution Method: End user, OEM
Number Installed to Date: 100 - 500

DATAMAC PERIPHERAL PRODUCTS

CDM 54
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$339
Distribution Method: Third-party
Date First Installed: April 1982
(See Vendor Profile Page V-10)

DATAMAC PERIPHERAL PRODUCTS

CDM 128
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$448
Distribution Method: Third-party

DATAMAC PERIPHERAL PRODUCTS

CDM 192
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 192K bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection

Price: \$577
Distribution Method: Third-party

DATAMAC PERIPHERAL PRODUCTS

CDM 256
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$706

DATAMAC PERIPHERAL PRODUCTS

DM 64
Compatibility: IBM PC
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$249
Distribution Method: Third-party

DATAMAC PERIPHERAL PRODUCTS

DM 128
Compatibility: IBM PC
Device Type: RAM
Date First Installed: April 1982

DATAMAC PERIPHERAL PRODUCTS

DM 192
Compatibility: IBM PC
Capacity: 128K bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$378
Distribution Method: Third-party
Date First Installed: April 1982

DATAMAC PERIPHERAL PRODUCTS

DM 256
Compatibility: IBM PC
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 330 nsec
Features: Single-bit error correction, Multiple-bit error detection
Price: \$636
Distribution Method: Third-party

DATARAM CORP.

BS-417
Compatibility: DEC PDP-11/70
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 4M bytes
Features: Single-bit error correction, Multiple-bit error detection
Price: \$11,365
Distribution Method: OEM
(See Vendor Profile Page V-11)

DATARAM CORP.

BS-801
Compatibility: Intel SBC-80
Device Type: DRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 64M bytes
Features: Single-bit error correction
Price: \$10,810
Distribution Method: OEM

DIGITAL INTERFACE SYSTEMS, INC.

980-110
Compatibility: TI TM 990

Add-On Memory Devices

Device Type: EPROM
Word Size Supported: 16-bit
Capacity: 24K bytes
Features: Single-bit error correction
Price: \$600
Distribution Method: End user
(See Vendor Profile Page V-13)

DYNABYTE
256K RAM BOARD
Compatibility: Monarch 6600, 6900
Device Type: RAM
Word Size Supported: 8-bit, 16-bit
Capacity: 256K bytes
Features: Single-bit error correction
Price: \$995
Distribution Method: OEM
Number Installed to Date: 2,000
(See Vendor Profile Page V-14)

EDGE TECHNOLOGY
MH1/CPU
Compatibility: IBM
Device Type: RAM/ROM
Capacity: 22K bytes
Features: Editing
Price: \$2,100
Distribution Method: End user,
 Third-party
Date First Installed: December 1982
(See Vendor Profile Page V-14)

ELECTRO-DESIGN, INC.
RAM + 4
Compatibility: IBM PC-XT
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Battery back-up
Price: \$450
Distribution Method: End user
Number Installed to Date: 250
Date First Installed: March 1983
(See Vendor Profile Page V-14)

ETR STAR SYSTEMS
SUPERSTAR
Compatibility: ETR Star 1, Star 2
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 4 nsec
Features: Single-bit error correction
Price: \$295
Distribution Method: Third-party
Number Installed to Date: 200
Date First Installed: January 1983
(See Vendor Profile Page V-15)

GENERAL ROBOTICS CORP.
MLV-11
Compatibility: DEC LSI-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Cycle Time: 275 nsec
Price: \$1,000
Distribution Method: OEM
(See Vendor Profile Page V-15)

GENERAL ROBOTICS CORP.
MSV-11
Compatibility: DEC LSI-11
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 64K bytes
Cycle Time: 275 nsec
Features: Battery back-up
Price: \$500
Distribution Method: OEM

GENERAL ROBOTICS CORP.
MSV-11Q
Compatibility: DEC LSI-11

Device Type: RAM
Word Size Supported: 16-bit
Capacity: 1M bytes
Cycle Time: 275 nsec
Features: Single-bit error correction
Price: \$2,500
Distribution Method: OEM
Date First Installed: 1983

HEWLETT-PACKARD CO.
82908A
Compatibility: HP 85B, 87A, 86B
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Price: \$395
Distribution Method: End User
Number Installed to Date: 30,000
Date First Installed: April 1982
(See Vendor Profile Page V-17)

HEWLETT-PACKARD CO.
82903A
Compatibility: HP 85A
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Price: \$195
Distribution Method: End User
Number Installed to Date: 100,000

HEWLETT-PACKARD CO.
82909A
Compatibility: HP 85, 87X, 87XM
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Price: \$595
Distribution Method: End User
Number Installed to Date: 40,000

HEWLETT-PACKARD CO.
87040A
Compatibility: HP 9000
Device Type: RAM
Word Size Supported: 32-bit
Capacity: 128K
Cycle Time: 55 nsec
Features: Single- and multiple-bit error detection, Memory healing
Price: \$3,000
Distribution Method: End User
Date First Installed: November 1982

HEWLETT-PACKARD CO.
98256
Compatibility: HP Series 200
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Features: Battery back-up, Multiple-bit error detection
Price: \$1,060
Distribution Method: End User
Number Installed to Date: 30,000

INDEPENDENT BUSINESS SYSTEMS, INC.
SLAVENET 64
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Distribution Method: End user
(See Vendor Profile Page V-18)

INTEL CORP.
INTEL 3800 MEMORY SYSTEM
Compatibility: IBM 370/168, 303X
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Features: Single- and multiple-bit error correction, Interleaving
Distribution Method: End user
(See Vendor Profile Page V-19)

INTERMEM CORP.
INTERMEM 8330 MEMORY SYSTEM
Compatibility: Cray 1A, 1S, XMP
Device Type: DRAM
Word Size Supported: 64-bit
Capacity: 256K bytes
Cycle Time: 250 nsec
Features: Single- and multiple-bit error correction, Interleaving
Price: \$825,000
Distribution Method: End user
(See Vendor Profile Page V-20)

INTERMEM CORP.
INTERMEM 8640 MEMORY SYSTEM
Compatibility: CDC 7030, 7040
Device Type: RAM
Word Size Supported: 60 Bit
Capacity: 16M bytes
Cycle Time: 100 nsec
Features: Single- and multiple-bit error correction, Interleaving
Price: \$400,000
Distribution Method: End user

LNW RESEARCH CORP.
BUSBOARD
Compatibility: IBM PC
Device Type: RAM
Word Size Supported: 9
Capacity: 512K bytes
Cycle Time: 250 nsec
Price: \$350
Distribution Method: Third-party
Date First Installed: 1983
(See Vendor Profile Page V-22)

MEGALOGIC CORP.
PAM-I/ES
Compatibility: Intel Multibus
Device Type: RAM/PROM
Word Size Supported: 8-bit
Capacity: 8K bytes
Price: \$295
Distribution Method: End user
Date First Installed: 1979
(See Vendor Profile Page V-23)

MEMOTECH CORP.
16K
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 200 nsec
Price: \$50
Distribution Method: Third-party
Number Installed to Date: 60,000
Date First Installed: 1981
(See Vendor Profile Page V-23)

MEMOTECH CORP.
32K
Compatibility: TS 1000, ZX 81
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 200 nsec
Price: \$100
Distribution Method: Third-party

MEMOTECH CORP.
64K
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Price: \$150
Distribution Method: Third-party

MICROCOMPUTER SYSTEMS, INC.
MSI-7712
Device Type: PROM/SRAM

Word Size Supported: 8-bit
Capacity: 48K bytes
Cycle Time: 400 nsec
Price: \$125
Distribution Method: End user
Number Installed to Date: 100 - 500
(See Vendor Profile Page V-23)

MIDWEST SCIENTIFIC INSTRUMENTS, INC.
RAM-8K
Compatibility: MSI 6800
Device Type: EPROM
Word Size Supported: 8-bit
Capacity: 8K bytes
Cycle Time: 250 nsec
Features: Battery back-up
Price: \$150
Distribution Method: End user
Number Installed to Date: 300
(See Vendor Profile Page V-24)

MIDWEST SCIENTIFIC INSTRUMENTS, INC.
RAM-16K
Compatibility: MSI 6800
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Cycle Time: 250 nsec
Features: Battery back-up
Price: \$450
Distribution Method: End user
Number Installed to Date: 2,000

MIDWEST SCIENTIFIC INSTRUMENTS, INC.
RAM-64K
Compatibility: MSI 6800
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 250 nsec
Features: Battery back-up
Price: \$1,000
Distribution Method: End user
Number Installed to Date: 500

MIDWEST SCIENTIFIC INSTRUMENTS, INC.
RAM-68K
Compatibility: MSI
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 8K bytes
Cycle Time: 250 nsec
Features: Battery back-up
Price: \$350
Distribution Method: End user
Number Installed to Date: 5,000

MODULAR COMPUTER SYSTEMS, INC.
3695
Compatibility: Classic 25, 45, 55, 75
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 500 nsec
Features: Single-bit error correction
Price: \$5,000
Distribution Method: End user, OEM
(See Vendor Profile Page V-25)

MOSTEK CORP.
MX3861
Compatibility: DEC PDP-11/70
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 4M bytes
Cycle Time: 850 nsec
Features: Battery back-up, Interleaving
Price: \$20,000
(See Vendor Profile Page V-25)

Add-On Memory Devices

Motorola, Inc.

SYSTEM 3000
Device Type: DRAM
Word Size Supported: 16/32/64-bit
Capacity: 32.7M bytes
Features: Multiple-bit error detection, Interleaving
Price: \$163,840
Distribution Method: OEM, Third-party
Date First Installed: 1981
(See Vendor Profile Page V-25)

Mountain Computer, Inc.

16K RAM + CARD
Compatibility: Apple IIe, Lisa, Information Analyst
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Price: \$189
Distribution Method: End user, OEM, Third-party
(See Vendor Profile Page V-25)

National Micro Products, Inc.

UNIVERSAL PROCESSING DEVICE
Compatibility: Zilog Z80
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 448K bytes
Cycle Time: 250 nsec
Features: Battery back-up
Price: \$1,500
Distribution Method: Third-party
Date First Installed: April 1983
(See Vendor Profile Page V-26)

New England Digital Corp.

EXTENDED MEMORY BOARD
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 128K bytes
Features: Interleaving
Distribution Method: OEM
(See Vendor Profile Page V-26)

Nixdorf Computer Corp.

6305-D
Compatibility: Nixdorf 8860
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 120 nsec
Features: Battery back-up, Single-bit error correction
Price: \$6,000
Distribution Method: End user
Number Installed to Date: 2,500
(See Vendor Profile Page V-26)

Nixdorf Computer Corp.

6305-F
Compatibility: Nixdorf 8860
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 120 nsec
Features: Battery back-up, Single-bit error correction
Price: \$12,000
Distribution Method: End user

Onyx Systems

C5001/MU
Compatibility: Onyx C5001/MU
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 250 nsec
Features: Single-bit error correction
Price: \$1,000
Distribution Method: Third-party

Number Installed to Date: 500
(See Vendor Profile Page V-27)

Onyx Systems

C5002A
Compatibility: Onyx C5002A
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 512K bytes
Cycle Time: 166 nsec
Features: Single-bit error correction
Price: \$3,000
Distribution Method: Third-party
Date First Installed: May 1983

Onyx Systems

C/8002
Compatibility: Onyx C8002
Device Type: RAM
Word Size Supported: 16-bit
Capacity: 256K bytes
Cycle Time: 166 nsec
Features: Single-bit error correction
Price: \$2,000
Distribution Method: Third-party
Number Installed to Date: 2,600

Pebx, Inc.

EC 320
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 2M bytes
Cycle Time: 400 nsec
Features: Battery back-up, Single and multiple-bit error detection
Price: \$9,000
Distribution Method: OEM
Date First Installed: January 1981
(See Vendor Profile Page V-28)

Seattle Computer Products

RAM +
Compatibility: IBM PC
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Price: \$220 to \$520
Distribution Method: Third-party
Number Installed to Date: 10,000
(See Vendor Profile Page V-32)

Seattle Computer Products

RAM + 3
Compatibility: IBM PC
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Price: \$620
Distribution Method: Third-party
Number Installed to Date: 1,000

Sperry Corp.

2813-99
Compatibility: Sperry 1180
Device Type: RAM
Word Size Supported: 36-bit
Capacity: 4M bytes
Features: Single- and multiple-bit error detection, Interleaving
Price: \$448,875
Distribution Method: End user
Number Installed to Date: 600
(See Vendor Profile Page V-33)

Sperry Corp.

3125-00
Compatibility: Sperry 1100-90
Device Type: RAM
Word Size Supported: 36-bit

Capacity: 4M bytes

Features: Single- and multiple-bit error detection, Interleaving
Price: \$80,000
Distribution Method: End user

SSM Microcomputer Products, Inc.

MB 10
Compatibility: S100
Device Type: SRAM
Word Size Supported: 8-bit, 16-bit
Capacity: 16K bytes
Cycle Time: 250 nsec
Price: \$299
Distribution Method: Third-party
(See Vendor Profile Page V-33)

SSM Microcomputer Products, Inc.

MB 32
Compatibility: S100
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 32K bytes
Cycle Time: 150 nsec
Features: Battery back-up
Price: \$425
Date First Installed: 1982

SSM Microcomputer Products, Inc.

MB 64
Compatibility: S100
Device Type: SRAM
Word Size Supported: 8-bit
Cycle Time: 150 nsec
Features: Battery back-up
Price: \$599
Date First Installed: 1982

Standard Engineering Corp.

LS-060
Compatibility: DEC LSI-11, PDP-11
Device Type: RAM
Word Size Supported: 18-bit
Capacity: 4K bytes
Cycle Time: 500 nsec
Price: \$1,500
Distribution Method: End user, OEM
Date First Installed: 1981
(See Vendor Profile Page V-33)

Storage Technology Corp.

UNIVERSAL 370
Compatibility: Interall 370/158, 303X
Device Type: RAM
Capacity: 64K bytes
Features: Multiple-bit error detection, Extended Memory
Distribution Method: End user
Number Installed to Date: 2,500
(See Vendor Profile Page V-33)

Stratus Computer

M100
Compatibility: Stratus 32
Device Type: DRAM
Word Size Supported: 16-bit
Capacity: 2M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection, Interleaving
Price: \$10,000
Distribution Method: End user
Number Installed to Date: 150
(See Vendor Profile Page V-33)

Stratus Computer

M102
Compatibility: Stratus 32
Device Type: DRAM

Word Size Supported: 16-bit

Capacity: 2M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection, Interleaving
Price: \$6,000
Distribution Method: End user
Number Installed to Date: 75

Telefile Computer Products, Inc.

MOS MODEL T3801
Compatibility: Xerox Sigma; Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 256K bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$44,500
Distribution Method: End user, OEM
(See Vendor Profile Page V-36)

Telefile Computer Products, Inc.

MOS MODEL T3802
Compatibility: Xerox Sigma; Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 512K bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single-bit error correction
Price: \$49,060
Distribution Method: End user, OEM

Telefile Computer Products, Inc.

MOS MODEL T3803
Compatibility: Xerox Sigma; Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$57,610
Distribution Method: End user, OEM

Telefile Computer Products, Inc.

MOS MODEL T3804
Compatibility: Xerox Sigma; Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 2M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$83,260
Distribution Method: End user, OEM

Telefile Computer Products, Inc.

MOS MODEL T3822
Compatibility: Xerox Sigma; Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 512K bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$54,540
Distribution Method: End user, OEM

Telefile Computer Products, Inc.

MOS MODEL T3823
Compatibility: Xerox Sigma; Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single-

Add-On Memory Devices

and multiple-bit error detection
Price: \$73,660
Distribution Method: End user, OEM

TELEFILE COMPUTER PRODUCTS, INC.

MOS MODEL T3824
Compatibility: Xerox Sigma, Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 2M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$90,760
Distribution Method: End user, OEM

TELEFILE COMPUTER PRODUCTS, INC.

MOS MODEL T3825
Compatibility: Xerox Sigma, Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 4M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$142,060
Distribution Method: End user, OEM

TELEFILE COMPUTER PRODUCTS, INC.

MOS MODEL T3843
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 1M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$104,620
Distribution Method: End user, OEM

TELEFILE COMPUTER PRODUCTS, INC.

MOS MODEL T3844
Compatibility: Xerox Sigma, Telefile
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 2M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$122,860
Distribution Method: End user, OEM

TELEFILE COMPUTER PRODUCTS, INC.

MOS MODEL T3845
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 4M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$157,060
Distribution Method: End user, OEM

TELEFILE COMPUTER PRODUCTS, INC.

MOS MODEL T3846
Device Type: DRAM
Word Size Supported: 32-bit
Capacity: 8.1M bytes
Cycle Time: 375 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$259,660

TRANSWAVE CORP.

M-8008
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 8K bytes
Features: Battery back-up, Single-bit error correction

Price: \$232
Distribution Method: End user
(See Vendor Profile Page V-37)

TRANSWAVE CORP.

M-8016
Device Type: SRAM
Word Size Supported: 8-bit
Capacity: 16K bytes
Features: Battery back-up, Single-bit error correction
Price: \$306
Distribution Method: End user

TRENDATA CORP.

BUSCOM 705
Compatibility: DEC PDP-11/70
Device Type: RAM
Capacity: 3M bytes
Cycle Time: 700 nsec
Features: Battery back-up, Single- and multiple-bit error detection, ECC
Price: \$8,790
Distribution Method: Third-party
(See Vendor Profile Page V-38)

U-MICROCOMPUTERS, INC.

U-RAM 128K
Device Type: RAM
Capacity: 128K bytes
Cycle Time: 128 nsec
Price: \$549
Distribution Method: Third-party
(See Vendor Profile Page V-38)

U-MICROCOMPUTERS, INC.

U-RAM 16K
Compatibility: Apple II, III, II+
Device Type: RAM
Capacity: 16K bytes
Price: \$70

U-MICROCOMPUTERS, INC.

U-RAM 32K
Device Type: RAM
Capacity: 32K bytes
Price: \$149
Distribution Method: Third-party

U-MICROCOMPUTERS, INC.

U-RAM 64K
Device Type: RAM
Capacity: 64K bytes
Price: \$349
Distribution Method: Third-party

UNIVATION, INC.

DMB-64
Compatibility: DEC Rainbow
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 448K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Distribution Method: OEM, Third-party
(See Vendor Profile Page V-38)

UNIVATION, INC.

DMB-192
Compatibility: DEC Rainbow
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 448K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Distribution Method: Third-party

UNIVATION, INC.

DMC-448
Compatibility: DEC Rainbow
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 448K bytes
Cycle Time: 200 nsec

UNIVATION, INC.

IRM-64
Compatibility: IBM PC
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 64K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction

UNIVATION, INC.

IRM-64X
Compatibility: IBM PC
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Distribution Method: Third-party

UNIVATION, INC.

IRM-128X
Compatibility: IBM PC
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Distribution Method: Third-party

UNIVATION, INC.

IRM-192X
Compatibility: IBM PC
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Distribution Method: Third-party

UNIVATION, INC.

IRM-256C
Compatibility: IBM PC
Device Type: RAM
Word Size Supported: 8-bit
Capacity: 256K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Distribution Method: Third-party

UNIVATION, INC.

IRM-256X
Compatibility: IBM PC
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Distribution Method: Third-party

UNIVATION, INC.

IRM-512C
Compatibility: IBM PC
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 512K bytes
Cycle Time: 200 nsec
Features: Single-bit error correction
Distribution Method: Third-party

UNIVATION, INC.

VICTOR-128K
Compatibility: Victor 9000
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 384K bytes
Cycle Time: 200 nsec
Distribution Method: Third-party

UNIVATION, INC.

VSMB-128C
Compatibility: Victor 9000
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 128K bytes
Cycle Time: 200 nsec

UNIVATION, INC.

VSMB-256X
Compatibility: Victor 9000
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 384K bytes
Cycle Time: 200 nsec
Distribution Method: Third-party

UNIVATION, INC.

VSMB-384C
Compatibility: Victor 9000
Device Type: DRAM
Word Size Supported: 8-bit
Capacity: 384K bytes
Cycle Time: 200 nsec
Distribution Method: Third-party

ZITEL CORP.

SY90
Device Type: DRAM
Word Size Supported: 16- to 88-bit
Capacity: 16M bytes
Cycle Time: 350 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$45,000
Distribution Method: End user
(See Vendor Profile Page V-40)

ZITEL CORP.

SY91
Device Type: DRAM
Word Size Supported: 16- to 88-bit
Capacity: 32M bytes
Cycle Time: 500 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$60,000

ZITEL CORP.

SY92
Device Type: SRAM
Word Size Supported: 16- to 88-bit
Capacity: 4M bytes
Cycle Time: 100 nsec
Features: Battery back-up, Single- and multiple-bit error detection
Price: \$20,000

Add-On Memories Using Other Technologies

CODAR TECHNOLOGY

D-TIMER
Compatibility: DEC LSI-II
Technology: CMOS
Device Type: RAM/EPROM
Word Size Supported: 16-bit
Capacity: 6K bytes
Price: \$675
Distribution Method: Third-party
(See Vendor Profile Page V-7)

CTS FABRITECK, INC.

698
Compatibility: DEC PDP-11
Technology: TTD List Core
Device Type: RAM
Word Size Supported: 18-bit
Capacity: 32K bytes
Cycle Time: 650 nsec
Distribution Method: OEM
Number Installed to Date: 6,000
(See Vendor Profile Page V-9)

CTS FABRITECK, INC.

MMS 64
Compatibility: DEC PDP-11
Technology: TTD List Core
Device Type: RAM

Add-On Memory Devices

Word Size Supported: 16-bit
 Cycle Time: 64K bytes
 Cycle Time: 650 nsec
 Distribution Method: OEM
 Number Installed to Date: 50

DATARAM CORP.

BC-801
 Compatibility: Intel SBC-80
 Technology: Magnetic Core
 Device Type: RAM
 Word Size Supported: 8-bit, 16-bit
 Capacity: 2.0M bytes
 Features: Single-bit error correction
 Price: \$14,665
 Distribution Method: OEM
 (See Vendor Profile Page V-11)

DIGICOMP RESEARCH CORP.

MEMORY BOARD 128
 Technology: NMOS
 Device Type: DRAM
 Word Size Supported: 8-bit, 16-bit
 Capacity: 128K bytes
 Cycle Time: 125 nsec
 Price: \$1,195
 Distribution Method: OEM
 (See Vendor Profile Page V-12)

DIGICOMP RESEARCH CORP.

MEMORY BOARD 256
 Technology: NMOS
 Device Type: DRAM
 Word Size Supported: 8-bit, 16-bit
 Capacity: 256K bytes
 Cycle Time: 125 nsec
 Price: \$1,395

DIGICOMP RESEARCH CORP.

MEMORY BOARD 512
 Technology: NMOS
 Device Type: DRAM
 Word Size Supported: 8-bit, 16-bit
 Capacity: 512K bytes
 Cycle Time: 125 nsec
 Price: \$995

LEGEND INDUSTRIES, LTD.

18 SRC
 Compatibility: Apple II
 Technology: CMOS
 Device Type: SRAM
 Word Size Supported: 8-bit
 Capacity: 18K bytes
 Cycle Time: 200 nsec
 Features: Battery back-up
 Price: \$150
 Distribution Method: Third-party
 Number Installed to Date: 10,000
 (See Vendor Profile Page V-22)

LEGEND INDUSTRIES, LTD.

RAMC RAM
 Compatibility: Apple II
 Technology: LSI
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 64K bytes
 Cycle Time: 200 nsec
 Price: \$327
 Number Installed to Date: 10,000

LEGEND INDUSTRIES, LTD.

128KOE
 Compatibility: Apple II, Apple III
 Device Type: RAM
 Word Size Supported: 8-bit
 Capacity: 128K bytes
 Cycle Time: 200 nsec
 Price: \$599
 Number Installed to Date: 10,000

LEGEND INDUSTRIES, LTD.

S'CARD
 Compatibility: Apple II, III, Lisa

Technology: LSI
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 1.0M bytes
 Cycle Time: 200 nsec
 Price: \$399

LEGEND INDUSTRIES, LTD.

TRIM
 Compatibility: Apple II, III, Lisa
 Technology: LSI
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 1.0M bytes
 Cycle Time: 200 nsec
 Price: \$399
 Date First Installed: April 1983

MICROCOMPUTER SYSTEMS, INC.

MSI-C712
 Technology: CMOS
 Device Type: PROM/SRAM
 Word Size Supported: 8-bit
 Capacity: 48K bytes
 Cycle Time: 400 nsec
 Price: \$130
 Distribution Method: End user
 Number Installed to Date: 100 - 500
 (See Vendor Profile Page V-23)

MICROCOMPUTER SYSTEMS, INC.

MSI-C764
 Technology: CMOS
 Device Type: PROM
 Word Size Supported: 8-bit
 Capacity: 64K bytes
 Cycle Time: 400 nsec
 Features: Battery back-up
 Price: \$150
 Date First Installed: 1983

MICROTEK

AMB 16
 Compatibility: Atari 400, Atari 800
 Technology: CMOS
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 16K bytes
 Cycle Time: 200 nsec
 Price: \$109
 Distribution Method: Third-party
 Number Installed to Date: 75,000
 (See Vendor Profile Page V-24)

MICROTEK

BAM 16
 Compatibility: Apple II, Franklin Ace
 Technology: CMOS
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 16K bytes
 Cycle Time: 200 nsec
 Price: \$100
 Number Installed to Date: 50,000

MICROTEK

BAM 16 MH
 Compatibility: Apple II, Apple II+
 Technology: CMOS
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 16K bytes
 Cycle Time: 200 nsec
 Price: \$109
 Number Installed to Date: 50,000

MICROTEK

BAM 64
 Compatibility: Apple, Franklin
 Technology: CMOS
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 64K bytes

Cycle Time: 200 nsec
 Price: \$375
 Number Installed to Date: 2,000

MICROTEK

RAM 128
 Compatibility: Apple, Franklin
 Technology: CMOS
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 64K bytes
 Cycle Time: 200 nsec
 Price: \$475
 Number Installed to Date: 4,000

MICROTEK

HAL 256
 Compatibility: IBM PC; TI
 Technology: CMOS
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 256K bytes
 Cycle Time: 200 nsec
 Features: Single-bit error correction, Multiple-bit error detection
 Price: \$595
 Number Installed to Date: 5,000

MICROTEK

Q-DISK
 Compatibility: Apple II; Franklin 1000
 Technology: CMOS
 Device Type: RAM
 Word Size Supported: 8-bit
 Capacity: 64K bytes
 Cycle Time: 200 nsec
 Price: \$529
 Number Installed to Date: 4,000

MICROTEK

TI 64
 Technology: CMOS
 Device Type: DRAM
 Word Size Supported: 8-bit
 Capacity: 64K bytes
 Cycle Time: 200 nsec
 Price: \$229
 Number Installed to Date: 2,000

MICROTEK

VIM 0
 Compatibility: Commodore Vic 20
 Technology: NMOS
 Device Type: EPROM
 Word Size Supported: 8-bit
 Capacity: 16K bytes
 Cycle Time: 250 nsec
 Price: \$47
 Number Installed to Date: 3,000

MICROTEK

VIM 16
 Compatibility: Commodore Vic 20
 Technology: NMOS
 Device Type: EPROM
 Word Size Supported: 8-bit
 Capacity: 16K bytes
 Cycle Time: 250 nsec
 Price: \$99
 Number Installed to Date: 3,000

MILTOPE CORP.

BMS-1000 BUBBLE MEMORY
 Compatibility: Nordens PDP-11M;
 DEC PDP-11
 Technology: Bubble
 Device Type: Bubble
 Word Size Supported: 8-bit
 Capacity: 512K bytes
 Features: Single-bit error correction
 Price: \$15,200
 Distribution Method: OEM
 (See Vendor Profile Page V-24)

MODUTEST SYSTEMS, INC.

ARM9
 Compatibility: Modutest MOD9
 Technology: Magnetic Core
 Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 1K bytes
 Cycle Time: 750 nsec
 Price: \$50,000
 Distribution Method: End user
 (See Vendor Profile Page V-25)

MODUTEST SYSTEMS, INC.

MEGASTORE CORE
 Compatibility: Modutest MOD9
 Technology: Magnetic Core
 Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 4.0M bytes
 Cycle Time: 750 nsec
 Price: \$70,000
 Date First Installed: 1972

MODUTEST SYSTEMS, INC.

MEGASTORE SEMICONDUCTOR
 Compatibility: Modutest MOD9
 Technology: Semiconductor
 Device Type: RAM
 Word Size Supported: 32-bit
 Capacity: 4.0M bytes
 Cycle Time: 750 nsec
 Price: \$110,000
 Date First Installed: 1972

WICAT SYSTEMS, INC.

S150-19
 Compatibility: Wicat S150, S160
 Technology: ECC
 Device Type: RAM
 Word Size Supported: 8-bit
 Capacity: 256K bytes
 Features: Single-bit error correction
 Price: \$1,500
 Distribution Method: OEM
 (See Vendor Profile Page V-39)

WICAT SYSTEMS, INC.

S150-20
 Compatibility: Wicat S150, S160
 Technology: ECC
 Device Type: RAM
 Word Size Supported: 8-bit
 Capacity: 256K bytes
 Features: Single-bit error correction
 Price: \$1,500

WICAT SYSTEMS, INC.

S150-21
 Compatibility: Wicat S150/155
 Technology: ECC
 Device Type: RAM
 Word Size Supported: 8-bit
 Capacity: 512K bytes
 Features: Single-bit error correction
 Price: \$3,000

WICAT SYSTEMS, INC.

S200-23
 Compatibility: Wicat S200/220
 Technology: ECC
 Device Type: RAM
 Word Size Supported: 8-bit
 Capacity: 512K bytes
 Features: Single-bit error correction
 Price: \$3,000

WICAT SYSTEMS, INC.

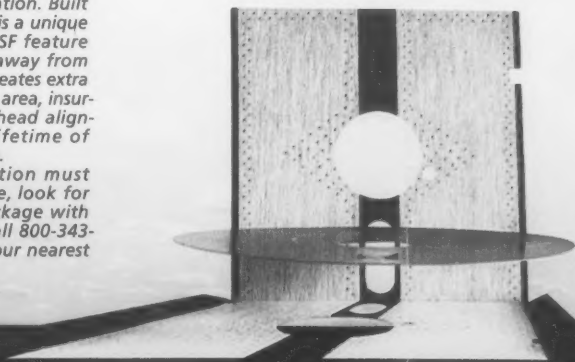
S200-24
 Compatibility: Wicat S200/220
 Technology: ECC
 Device Type: RAM
 Word Size Supported: 8-bit
 Capacity: 1.0M bytes
 Features: Single-bit error correction
 Price: \$6,000

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Suppliers

ALABAMA

COMPUTER SUPPLIES

4001 2nd Ave. South
Birmingham, AL 35222
(205) 592-4230
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes
Contacts:
Head of Sales: Bill Philips
Geographic Coverage: National
Year Established: 1976
Number of Employees: 15

BTS COMPUTER SYSTEMS, INC.

3529 7th Ave. S.
Birmingham, AL 35222
(205) 252-9446
Major Market: Software House;
Systems House OEM; Data Services
(Service Bureau); Dealer/Distributor;
Miscellaneous Computer Supplies
Target Industries: Distribution;
Retail; Manufacturing; Banking
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture
Net Sales: \$1 Million - \$5 Million
(1981)
Contacts:
Head of Marketing: Jim Byrne
Head of Software: Mark Kajdos
Head of Customer Service: Jack
Harrison
Geographic Coverage: National
Year Established: 1968
Number of Employees: 28

MID AMERICAN DATA PRODUCTS

Computer Supplies
P.O. Box 1541
Birmingham, AL 35201
(205) 592-4230
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Target Industries: End User
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Flooring; Cassettes
Contacts:
Head of Marketing/Sales: Bobby
Smith
Head of Customer Service: Debbie
Douglas
Geographic Coverage: International
Year Established: 1978
Number of Employees: 10

ARIZONA

COMPUTER CONCEPTS

4011 W. Clarendon
Phoenix, AZ 85019
(602) 233-9086
Major Market: Miscellaneous
Computer Supplies
Target Industries: End users;
Business
Product Lines: Furniture
Contacts:
Head of Marketing: Jerry Regan
Head of Sales: Michael Filippazzo
Head of Engineering: Randy Wilda
Geographic Coverage: National
Year Established: 1975
Number of Employees: 30

ROCK ROY, INC.

7741 East Gray Rd.
Scottsdale, AZ 85260
(602) 998-1577
Major Market: Software House;
Miscellaneous Computer Supplies
Product Lines: Disk Savers; devices
Contacts:
Head of Marketing: Howard
Friedman
Head of Software: Robert Siegling
Head of Customer Service: Marilyn
Poulson
Geographic Coverage: International
Year Established: 1980
Number of Employees: 5

CALIFORNIA

ALPHA COMPUTING SUPPLY, INC.

9625 Mason Ave.
Chatsworth, CA 91311
(213) 882-9818
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; labels
Net Sales: \$100,000 - \$500,000
(1982)
Contacts:
Head of Marketing/Sales: Todd
Reichert
Geographic Coverage: International
Year Established: 1972
Number of Employees: 8

AMERICAN NATIONAL SUPPLY CORP. (ANSO)

1243 W. 134th St.
P.O. Box 2259
Gardena, CA 90247
(213) 532-7780
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs;
Diskettes; Tapes; Furniture; Cleaning
Device
Geographic Coverage: National
Year Established: 1969
Number of Employees: 25

AMPEX CORP.

Magnetic Tape
401 Broadway
Redwood City, CA 94063
(415) 367-2011
Major Market: Component and
Peripheral Manufacturing;
Miscellaneous Computer Supplies
Target Industries: Disk Drive
Manufacturing
Product Lines: Disk Packs
Contacts:
Head of Marketing: Richard Antonio
Geographic Coverage: International
Year Established: 1959
Number of Employees: 2,200

ANVIL CASES, INC.

4128 Temple City Blvd.
P.O. Box 888
Rosemead, CA 91770
(213) 575-8814
Major Market: Miscellaneous
Computer Supplies
Product Lines: Transit cases
Contacts:
Head of Marketing/Customer
Service: Ralph Hoopes
Geographic Coverage: International

Year Established: 1952
Number of Employees: 140

ASSOCIATED DATA SUPPLY CO.

1831 Centinela Ave.
Santa Monica, CA 90404
(213) 453-8822
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Target Industries: Banking
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Audio/Video Cas
Net Sales: \$1 Million - \$5 Million
(1982)
Geographic Coverage: Regional
Year Established: 1971
Number of Employees: 12

ATHANA, INC.

2730 Monterey St.
Torrance, CA 90503
(213) 775-3741
Major Market: Miscellaneous
Computer Supplies
Product Lines: Disk Packs;
Diskettes; Cartridges
Contacts:
Head of Marketing: Bradley Listz
Geographic Coverage: International
Year Established: 1971
Number of Employees: 250

AGT COMPUTER PRODUCTS, INC.

Suite 100
20675 S. Western Ave.
Torrance, CA 90501
(213) 533-1244
Major Market: Miscellaneous
Computer Supplies
Target Industries: OEM; Distribution
Product Lines: daisy print; wheels
Geographic Coverage: International
Year Established: 1978
Number of Employees: 12

BELL & HOWELL

COM Products
16691 Hale Ave.
Irvine, CA 92714
(714) 641-1050
Major Market: OEM Peripherals/
Terminals; Software House;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Banking; Service
Bureau; Insurance; General Industry
Target Applications: COM
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes
Contacts:
Head of Marketing: Michael Teague
Head of Sales: R. Mamahrian
Head of Engineering: John
Scarborough
Head of Customer Service: H.
Hedfield
Geographic Coverage: International
Year Established: 1974
Number of Employees: 85

BONANZA COMPUTER SUPPLIES, INC.

457 McGilroy Lane
Campbell, CA 95008
(408) 377-6811
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Cables; Binders
Net Sales: \$100,000 - \$500,000
(1981)

Contacts:

Head of Marketing/Sales: Michael
Uranich
Geographic Coverage: International
Year Established: 1980
Number of Employees: 12

BUSINESS INFORMATION SYSTEMS

2428 Foothill Blvd.
La Crescenta, CA 91214
(213) 245-3691
Major Market: Software House;
Data Services (Service Bureau);
Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Distribution;
Retail; Manufacturing
Target Applications: Full Integrated
Systems; Sales; Accounting
Product Lines: Ribbons; Disk Packs;
Diskettes; Tapes; Furniture
Net Sales: \$1 Million - \$5 Million
(1981)
Contacts:
Head of Marketing: Richard L. Sloan
Head of Sales: Rick Rickling
Head of Software: Daniel R. Hoefflin
Head of Engineering: Thomas
Privette
Geographic Coverage: Regional
Year Established: 1971
Number of Employees: 60

BDT PRODUCTS, INC.

17152 Armstrong Ave.
Irvine, CA 92714
(714) 660-1386
Major Market: Miscellaneous
Computer Supplies
Product Lines: Sheet feeders;
Envelope feeders
Contacts:
Head of Marketing: Richard L. Given
Geographic Coverage: International
Number of Employees: 50

CELTIC TECHNOLOGY, INC.

6265 Varlei Ave.
Woodland Hills, CA 91367
(213) 884-6767
Major Market: Peripheral
Manufacturing; Miscellaneous
Computer Supplies
Target Applications: Graphics; PC
Systems
Product Lines: film
Contacts:
Head of Marketing: Morgan Walker
Head of Engineering: Richard
Gerlach
Year Established: 1982
Number of Employees: 25

CHALLENGER COMPUTER SUPPLIES, INC.

1007 Elwell Court
Redwood City, CA 94303
(415) 960-1500
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes
Net Sales: \$1 Million - \$5 Million
(1981)
Geographic Coverage: West of
Mississippi
Year Established: 1980
Number of Employees: 20

CHECKS-TO-GO

8384 Hercules St.
La Mesa, CA 92041
(619) 460-4975

Suppliers

Major Market: Miscellaneous Computer Supplies
Target Industries: Small Businesses; Medical; Accounts
Product Lines: Forms
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing: Dan Welty
Geographic Coverage: International
Year Established: 1979
Number of Employees: 45

COAST COMPUTER SUPPLIES
 16 Pameron Way
 Nevada, CA 94947
 (415) 883-8703
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Geographic Coverage: International
Year Established: 1979
Number of Employees: 10

COMPU-RITE CORP.
 6010 Yolanda Ave.
 Tarzana, CA 91356
 (213) 996-5111
Major Market: Miscellaneous Computer Supplies
Product Lines: Ribbons; WP cartridges
Net Sales: \$1 Million - \$5 Million (1982)
Geographic Coverage: International
Year Established: 1973
Number of Employees: 50

COMPUTER FURNITURE & ACCESSORIES, INC.
 515 W. 132nd St.
 Gardena, CA 90248
 (213) 327-7710
Major Market: Miscellaneous Computer Supplies; Furniture
Product Lines: Furniture
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing: Lee Kennedy
Geographic Coverage: National
Year Established: 1979
Number of Employees: 20

COMPUTER PARTS EXCHANGE (CPX)
 19821 Northhoff St.
 Northridge, CA 91324
 (213) 709-4003
Major Market: Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Third Party Maintenance; Large End User; OEM; System House
Target Applications: Maintenance
Product Lines: Ribbons; Disk Packs; Diskettes; Print Wheels
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Marketing: Bob MacGonigal
 Head of Sales: Don Jarrell
Geographic Coverage: International
Year Established: 1976
Number of Employees: 64

DAISY WHEEL RIBBON CO., INC.
 Suite 401
 9375 Archibald Ave.
 Cucamonga, CA 91730

(213) 932-1081
Major Market: Miscellaneous Computer Supplies
Target Industries: Retail; Wholesale; Dealers
Target Applications: Dealers
Product Lines: Ribbons; Tapes; Daisy wheels; Cartridges
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing/Sales: Stephen Baer
Geographic Coverage: International
Year Established: 1980
Number of Employees: 23

DATA AIRE, INC.
 7442 Orangewood Ave.
 Garden Grove, CA 92641
 (714) 891-3471
Major Market: Miscellaneous Computer Supplies
Product Lines: Air Conditioning
Contacts:
 Head of Marketing/Sales: Don Henry
 Head of Engineering: Sal Almili
Geographic Coverage: International
Year Established: 1979

DATA DEVICES INTERNATIONAL
 20235 Bahama St.
 Chatsworth, CA 91311
 (213) 998-2900
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies
Product Lines: Tape cleaners
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing: Donna Schmidt
 Head of Engineering: Joseph Spitzer
Geographic Coverage: International
Year Established: 1973
Number of Employees: 45

DATA EQUIPMENT SUPPLY
 Microcomputer
 8315 Firestone Blvd.
 Downey, CA 90241
 (213) 923-9361
Major Market: OEM Peripherals; Terminals; Software House; Systems House OEM; Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Ribbons; Tapes
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
 Head of Marketing: Jackson Bliss
 Head of Sales: Steve Westmoreland
Geographic Coverage: National
Year Established: 1950
Number of Employees: 15

DATACORP.
 475 Elder Ave.
 Sand City, CA 93955
 (408) 899-4888
Major Market: Miscellaneous Computer Supplies
Product Lines: Tapes; Cassette storage; Tape splice
Contacts:
 Head of Sales: Judy Hooper
 Head of Engineering: Steve Jurden
Geographic Coverage: International
Year Established: 1978
Number of Employees: 12

DAYTON - FORESTER ASSOCIATES, INC.
 8740 Shirley Ave.

Northridge, CA 91324
 (213) 701-0127
Major Market: Systems House; Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Small Business; Manufacturing; Trucking; Medical
Target Applications: Small Business; Inventory Control
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing/Sales: N. L. Eyster
 Head of Software: P. Parris
Geographic Coverage: Regional
Year Established: 1971
Number of Employees: 12

DEVOTE DATA PRODUCTS CO.
 1500 Martin Ave.
 Santa Clara, CA 95050
 (408) 980-1366
Major Market: Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture; microfilm
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Marketing: Chuck Volviler
Geographic Coverage: National
Year Established: 1968

DREXLER TECHNOLOGY CORP.
 2557 Charleston Road
 Mountain View, CA 94043
 (415) 969-7277
Major Market: Miscellaneous Computer Supplies
Target Industries: DP; Component Manufacturing; Semiconductor
Target Applications: Optical storage
Product Lines: Tapes; optical disc; cards
Net Sales: \$5 Million - \$25 Million (1982)
Geographic Coverage: International
Year Established: 1968
Number of Employees: 200

DYSAN CORP.
 5201 Patrick Henry Drive
 Santa Clara, CA 95050
 (408) 988-3472
Major Market: Miscellaneous Computer Supplies
Product Lines: Disk Packs; Diskettes; Magnetic Media
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Customer Service: Abby Douglas
Geographic Coverage: International
Year Established: 1973
Number of Employees: 3,000

ELECTRONICS SYSTEMS FURNITURE
 17129 S. Kingsview Ave.
 Carson, CA 90746
 (213) 539-9601
Major Market: Miscellaneous Computer Supplies
Target Industries: OEM; Dealers
Product Lines: Furniture
Contacts:
 Head of Marketing: John Atchison

Head of Sales: Lana Dupree
Geographic Coverage: National
Year Established: 1975
Number of Employees: 32

ESCON PRODUCTS, INC.
 12919 Alcosta Blvd.
 San Ramon, CA 94583
 (415) 820-1256
Major Market: OEM (Computer Systems); Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Retail; Legal
Target Applications: Data Entry
Product Lines: Forms
Net Sales: \$500,000 - \$1 Million (1981)
Contacts:
 Head of Marketing/Sales: Rod Winchell
 Head of Engineering: Charles Lingel
 Head of Customer Service: Bob Castillon
Geographic Coverage: International
Year Established: 1978
Number of Employees: 14

FRANKLIN COMPUTER SYSTEMS
 715 Fremont
 S. Pasadena, CA 91030
 (213) 441-3123
Major Market: Software House; Systems House OEM; Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: CPA; Legal; Ambulance Service; Architects
Target Applications: Client and General Accounting; Property Management
Product Lines: Forms; Ribbons; Disk Packs
Net Sales: \$1 Million - \$5 Million (1982)
Geographic Coverage: National
Year Established: 1974
Number of Employees: 20

FUNCTIONAL OFFICE FURNITURE, INC.
 1281 Anderson Drive
 San Rafael, CA 94901
 (415) 457-4143
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Office; Computer
Product Lines: Furniture
Geographic Coverage: National
Year Established: 1974
Number of Employees: 8

GATES ACOUSTINET, INC.
 P.O. Box PP
 Santa Rosa, CA 95403
 (800) 358-9122
Major Market: Miscellaneous Computer Supplies
Target Industries: WP; Telecommunications
Target Applications: Sound reduction
Product Lines: Sound reduction; Cabinets
Net Sales: \$5 Million - \$25 Million (1981)
Geographic Coverage: International
Year Established: 1948
Number of Employees: 110

GENERAL RIBBON CORP.
 P.O. Box 447
 Chatsworth, CA 91311
 (213) 709-1234

Suppliers

Major Market: Miscellaneous Computer Supplies
Target Industries: Dealers; OEM
Product Lines: Ribbons
Net Sales: \$25 Million - \$100 Million (1982)
Contacts:
 Head of Marketing: Marvin Van Voy
 Head of Sales: Michael Cooke
 Head of Software: Pam Scyphers
 Head of Engineering: Larry Thomas
Geographic Coverage: National
Year Established: 1929
Number of Employees: 350

GERARD PICK MICRO-COMPUTER SYSTEMS
 350 Mesa Road
 Santa Monica, CA
 (213) 459-5596
Major Market: OEM Peripherals-Terminals; Systems House OEM;
 Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$100,000 - \$500,000 (1982)
Geographic Coverage: California
Year Established: 1980
Number of Employees: 3

HEAD COMPUTER PRODUCTS, INC.
 9614 Cozycroft Ave.
 Chatsworth, CA 91311
 (213) 789-9000
Major Market: Miscellaneous Computer Supplies
Product Lines: Diskettes; Drive Cleaning Kits
Geographic Coverage: International
Year Established: 1981
Number of Employees: 50

HOFFMAN COMPUTER PRODUCTS
 1720 Flower Ave.
 Duarte, CA 91010
 (213) 303-1571
Major Market: Miscellaneous Computer Supplies
Product Lines: Diskettes
Contacts:
 Head of Sales: Robert Richards
Geographic Coverage: National
Year Established: 1967
Number of Employees: 30

HOLLANDER OFFICE PRODUCTS
 Suite B
 1 Dusenberry Drive
 Thousand Oaks, CA 91362
 (805) 496-2533
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture; print wheels
Contacts:
 Head of Marketing: Don Maroney
Geographic Coverage: International
Year Established: 1978
Number of Employees: 50

ICO-RALLY CORP.
 2575 E. Bayshore Road
 Palo Alto, CA 94303
 (415) 856-9900
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Manufacturing

Contacts:
 Head of Marketing: Robert Hamilton
 Head of Engineering: Steven Metzgar
Geographic Coverage: International
Year Established: 1967
Number of Employees: 86

INMAC
 2465 Augustine Drive
 Santa Clara, CA 95051
 (408) 727-1970
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes
Contacts:
 Head of Marketing: Bob Harris
Geographic Coverage: International
Year Established: 1976
Number of Employees: 100

INNOVATIVE COMPUTER PRODUCTS
 9174 Deering Ave.
 Chatsworth, CA 91311
 (213) 988-2400
Major Market: Miscellaneous Computer Supplies
Product Lines: Cleaning Kits; Diskette drive
Contacts:
 Head of Marketing: A. H. Packard
 Head of Sales: Carl Holder
Geographic Coverage: International
Year Established: 1976
Number of Employees: 60

JENSEN ENGINEERING, INC.
 1859 Hampton Way
 Santa Rosa, CA 95407
 (707) 544-9450
Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture; Acoustical cabinets; drive covers
Contacts:
 Head of Marketing: Olga Thill
 Head of Engineering: Bob Sharp
Geographic Coverage: International
Year Established: 1973
Number of Employees: 85

LIGHTNING ELIMINATION ASSOCIATES
 12516 Lakeview Road
 Santa Fe Springs, CA 90670
 (213) 944-0916
Major Market: Miscellaneous Computer Supplies; Support equipment
Product Lines: Electrical distributors; equipment
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing: Hal Propp
 Head of Sales: Al Rich
Geographic Coverage: International
Year Established: 1971
Number of Employees: 50

MAGNETRONICS INTERNATIONAL, INC.
 16926 S. Keegan Ave.
 Carson, CA 90746
 (213) 603-0151
Major Market: Miscellaneous Computer Supplies
Product Lines: Forms
Net Sales: \$1 Million - \$5 Million (1982)
Geographic Coverage: International
Year Established: 1948
Number of Employees: 15

MEDIA RECOVERY OF CALIFORNIA, INC.
 7322 Valjean Ave.
 Van Nuys, CA 91406
 (213) 782-8978
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Data processing
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes
Geographic Coverage: Ca
Year Established: 1974
Number of Employees: 24

MEDIA SYSTEMS TECHNOLOGY
 17991 Fitch
 Irvine, CA 92714
 (714) 957-0240
Major Market: Peripheral and Office Equipment Manufacturing; Software House; Data Services (Service Bureau); Miscellaneous Computer Supplies
Target Industries: Manufacturing; Banking; Education
Product Lines: Diskettes
Contacts:
 Head of Marketing/Sales: Irv Hamlin
 Head of Software: Eric Kadison
 Head of Engineering: Dave Sudden
 Head of Customer Service: Andy Ziros
Geographic Coverage: International
Year Established: 1979
Number of Employees: 60

MEMORY MEDIA PRODUCTS
 17032 Murphy Ave.
 Irvine, CA 92714
 (714) 863-1101
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing/Sales: Edward Conli
 Head of Engineering: John R. Creach Jr.
Geographic Coverage: National
Year Established: 1972
Number of Employees: 42

MICROSETTE CO.
 475 Ellis St.
 Mountain View, CA 94043
 (415) 968-1604
Major Market: Miscellaneous Computer Supplies
Target Industries: Computer; Magnetic Media
Product Lines: Diskettes; cassettes
Contacts:
 Head of Marketing/Sales: Ron Troxell
Geographic Coverage: National
Year Established: 1978
Number of Employees: 20

NEWPORT WEST DATA SERVICES, INC.
 317 Saratoga Ave.
 Los Gatos, CA 95030
 (408) 395-1778
Major Market: Software House; Systems House; Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Distribution; Manufacturing; Civil Engineering
Target Applications: Inventory Control; Earthwork Systems

Product Lines: Forms; Ribbons; Disk Packs; Tapes
Net Sales: \$100,000 - \$500,000 (1981)
Geographic Coverage: Regional
Year Established: 1979
Number of Employees: 4

NORMAN MAGNETICS, INC.
 2431 S. Anne St.
 Santa Ana, CA 92704
 (714) 557-7662
Major Market: Miscellaneous Computer Supplies
Target Industries: OEM
Product Lines: Disk Packs
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Marketing: Linda M. Price
Geographic Coverage: International
Year Established: 1972
Number of Employees: 11

PACIFIC COMPUTER SUPPLY, INC.
 2601 Middlefield Road
 Redwood City, CA 94063
 (415) 366-0353
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Ribbons; Diskettes; Tapes; Furniture
Contacts:
 Head of Marketing: John Sanchez
Geographic Coverage: International
Year Established: 1976
Number of Employees: 11

PARAGON BUSINESS FORMS, INC.
 Suite 325
 5530 Corbin Ave.
 Tazana, CA 91356
 (213) 992-6469
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms
Geographic Coverage: National
Year Established: 1965
Number of Employees: 12

PERSONAL RIBBON CO.
 P.O. Box 40027
 San Francisco, CA 94140
 (415) 431-5557
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Education; End User
Product Lines: Ribbons
Geographic Coverage: National
Year Established: 1982
Number of Employees: 3

QUIET DESIGNS, INC.
 3250-1 Keller St.
 Santa Clara, CA 95050
 (408) 980-1010
Major Market: Software House; Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Retail; Dealers
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Formatted diskettes
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing: Don Potten
 Head of Sales: Merlene Fernandez
 Head of Software: Larne Baker
 Head of Customer Service: Merlene Fernandez
Geographic Coverage: International

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THE FOURTH-PARTY MAINTENANCE CO.

Total support capability..

Only at CPX will you find one source for everything you need to keep your disk drive on line.

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- * PRINTWHEELS
- * PRINTWHEEL CLEANING KITS
- * PRINTER RIBBONS



CPX total support includes **REPAIR** of complete disk drives and sub-assemblies - disk heads, circuit cards and head positioners with **FAST TURNAROUND**. Mechanical subassemblies - motors and spindles - are **REFURBISHED** and returned within 5 days! This service includes bench and system testing and a full 90-day warranty, effective from the First day of use!

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N.W. REGION: (201) 756-8040 • S.W. REGION: (713) 661-3424

Suppliers

Year Established: 1977
Number of Employees: 21

QUIETPRINT, INC.
P.O. Box 11067
Santa Rosa, CA 95406
(707) 527-8180
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Acoustical Hood; Sound Covers
Geographic Coverage: International
Year Established: 1979
Number of Employees: 70

RUSS BASSETT CO.
8189 Byron Road
Whittier, CA 90608
(213) 945-2445
Major Market: Miscellaneous
Computer Supplies
Target Industries: Micrographics
Product Lines: Furniture; Cabinets for micrographics
Geographic Coverage: International
Year Established: 1960
Number of Employees: 80

ROB DESIGNS
3375 Woodward Ave.
Santa Clara, CA 95050
(408) 748-0400
Major Market: Peripheral
Manufacturing; Miscellaneous
Computer Supplies
Target Industries: Distributors/Dealers
Product Lines: Furniture
Geographic Coverage: International
Year Established: 1982
Number of Employees: 15

SAN SIERRA BUSINESS SYSTEMS
4044 N. Freeway
P.O. Box 15967
Sacramento, CA 95852
(916) 920-4044
Major Market: Office Equipment
Manufacturing; Software House;
Systems House OEM;
Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs;
Diskettes; Tapes; Furniture; Flooring
Contacts:
Head of Marketing: Wendy Reeve
Geographic Coverage: Regional
Year Established: 1968
Number of Employees: 500

SCAN-TRON CORP.
3388 East 70th St.
P.O. Box 5340
Long Beach, CA 90805
(213) 633-4051
Major Market: Peripheral
Manufacturing; Miscellaneous
Computer Supplies
Product Lines: Forms
Contacts:
Head of Marketing: R. E. Stewart
Geographic Coverage: National
Year Established: 1972
Number of Employees: 150

SERCOMP CORP.
20721 Superior St.
Chatsworth, CA 91311
(213) 341-1680
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs;
Diskettes; Tapes; printwheels

Net Sales: \$5 Million - \$25 Million
(1980)
Contacts:
Head of Marketing: Angelo Simone
Head of Sales: John Marthens
Geographic Coverage: International
Year Established: 1978
Number of Employees: 85

SIGNAL DATA PROCESSING, INC.
5580 Cherry Ave.
Long Beach, CA 90805
(213) 531-4450
Major Market: Data Services
(Service Bureau); Miscellaneous
Computer Supplies
Product Lines: Forms
Geographic Coverage: Regional
Year Established: 1971
Number of Employees: 225

SNYDER ELECTRONICS, INC.
2082 N. Lincoln Ave.
Altadena, CA 91001
(213) 794-7139
Major Market: Miscellaneous
Computer Supplies
Product Lines: Photoelectric eyes;
sensors
Geographic Coverage: National
Year Established: 1952
Number of Employees: 7

STANTRON
6914 Beck Ave.
N. Hollywood, CA 91605
(213) 875-0800
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Cabinets
Contacts:
Head of Marketing/Sales: Guy
Tessier
Geographic Coverage: International
Year Established: 1952
Number of Employees: 130

STROUD RESOURCES CORP.
Stroud & Associates
2022 N. Chester Ave.
Bakersfield, CA 93308
(805) 399-5284
Major Market: Software House;
Dealer/Distributor; Miscellaneous
Computer Supplies
Target Industries: Cooperatives;
Agriculture; Industrial; Manufacturing
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Flooring
Geographic Coverage: West
Year Established: 1980
Number of Employees: 9

SYSTEMS FURNITURE CO.
2727 Maricopa St.
Torrance, CA 90503
(213) 533-1212
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Housing,
Consoles
Contacts:
Head of Sales: Bill Weise
Geographic Coverage: National
Year Established: 1971
Number of Employees: 200

SCM CORP.
Walton Printing Co.
6400 Artesia Blvd.
Buena Park, CA 90620
(714) 523-3200
Major Market: Miscellaneous

Computer Supplies
Product Lines: Forms
Net Sales: \$25 Million - \$100 Million
(1982)
Contacts:
Head of Marketing: Ronald Macholtz
Geographic Coverage: West Coast
Year Established: 1955
Number of Employees: 200

SRW COMPUTER COMPONENTS CO., INC.
18385 Bandiller Circle
Fountain Valley, CA 92708
(714) 953-5500
Major Market: Miscellaneous
Computer Supplies
Product Lines: Mag tape package
Geographic Coverage: International
Year Established: 1978

THE DAVID JAMISON CARLYLE CORP.
2049 Century Park E.
30th Floor
Los Angeles, CA 90067
(213) 277-4562
Major Market: OEM Computer
Systems and Peripherals-Terminals;
Software House; Systems House
OEM; Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Communications;
Banking; Oil
Target Applications:
Communications
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture
Net Sales: \$25 Million - \$100 Million
(1982)
Contacts:
Head of Marketing: Richard Rose
Head of Sales/Software: Woody
Bellies
Head of Engineering: Richard Smith
Geographic Coverage: International
Year Established: 1976
Number of Employees: 150

THE SUPPLY DEPOT, INC.
290 Easy St.
Unit 4
Simi Valley, CA 93065
(805) 583-0505
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture
Net Sales: \$1 Million - \$5 Million
(1982)
Contacts:
Head of Marketing/Sales: Nick Terani
Geographic Coverage: International
Year Established: 1978
Number of Employees: 17

TOOR FURNITURE CORP.
Suite 14
4935 McConnell Ave.
Los Angeles, CA 90066
(213) 821-1255
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture
Net Sales: \$500,000 - \$1 Million
(1982)
Geographic Coverage: International
Year Established: 1976
Number of Employees: 10

TRACE SYSTEMS, INC.
1928 Old Middlefield Way

Mtn. View, CA 94043
(415) 964-3115
Major Market: Peripheral
Manufacturing; Miscellaneous
Computer Supplies
Target Industries: Small Industries;
Educational
Product Lines: printer sound;
enclosure
Contacts:
Head of Marketing/Sales: James
Paige
Head of Customer Service: Sandy
Heckel
Geographic Coverage: National
Year Established: 1981
Number of Employees: 15

TRIMM INDUSTRIES
11939 Sherman Rd.
N. Hollywood, CA 91605
(800) 423-2024
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture
Contacts:
Head of Sales: Phil Drachman
Geographic Coverage: International
Year Established: 1928
Number of Employees: 100

ULTRA MAGNETICS TECHNOLOGY, INC.
7 Hangar Way
Watsonville, CA 95076
(408) 728-7777
Major Market: Miscellaneous
Computer Supplies
Product Lines: Diskettes
Contacts:
Head of Marketing: Steve Ferketich
Head of Sales: Bill O'Brien
Geographic Coverage: National
Year Established: 1961
Number of Employees: 170

UVP, INC.
5100 Walnut Grove Ave.
San Gabriel, CA 91778
(213) 285-3123
Major Market: Miscellaneous
Computer Supplies
Target Industries: Electronics;
Scientific
Product Lines: support equip
Contacts:
Head of Marketing: Bob Sink
Geographic Coverage: International
Year Established: 1932
Number of Employees: 100

VAN SAN CORP.
16735 E. Johnson Drive
City of Industry, CA 91745
(213) 961-7211
Major Market: Miscellaneous
Computer Supplies
Target Industries: Computer
Manufacturing; Systems Dealer
Product Lines: Comp Enclosures;
Acoust covers
Net Sales: \$1 Million - \$5 Million
(1982)
Contacts:
Head of Marketing: Mark
Vanlandingham
Head of Sales: Steve Holland
Head of Engineering: Ron Dain
Geographic Coverage: International
Year Established: 1964
Number of Employees: 15

VAHNER GRAPHICS CORP.
8787 Olive Lane
Santee, CA 92071

Suppliers

(619) 448-3000

Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Net Sales: \$25 Million - \$100 Million
(1982)
Contacts:
Head of Marketing/Sales: Tom
Goddard
Geographic Coverage: National
Year Established: 1949
Number of Employees: 1,030

VERBATIM CORP.

323 Soquel Way
Sunnyvale, CA 94086
(408) 245-4400
Major Market: Peripheral
Manufacturing; Miscellaneous
Computer Supplies
Product Lines: Diskettes; Tapes
Contacts:
Head of Marketing: Harry Fekkes
Head of Sales: Scott Cochran
Geographic Coverage: International
Year Established: 1969
Number of Employees: 1,800

VIRCO MANUFACTURING CORP.

15134 S. Vermont Ave.
P.O. Box 44846
Los Angeles, CA 90044
(213) 532-3570
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture
Geographic Coverage: International
Year Established: 1950
Number of Employees: 2,000

VISU-FLEX CO.

7633 Bequette Ave.
Pico Rivera, CA 90660
(213) 949-9591
Major Market: Miscellaneous
Computer Supplies
Target Applications: Microfilm
Product Lines: Furniture; Fiche
Packaging; Fiche Storage
Net Sales: \$1 Million - \$5 Million
(1981)
Contacts:
Head of Sales: Michael Krawczyk
Geographic Coverage: International
Year Established: 1971
Number of Employees: 35

WANGTEK

5845 Uplander Way
Culver City, CA 90230
(213) 410-1444
Major Market: Miscellaneous
Computer Supplies
Target Industries: Computer
Manufacturers
Product Lines: Tape streamer
Contacts:
Head of Marketing: Keith Ullal
Head of Sales: Whitney Lynn
Head of Customer Service: Tim
Elland
Geographic Coverage: International
Year Established: 1982
Number of Employees: 35

WESCAM INSTRUMENTS, INC.

3018 Scott Blvd.
Santa Clara, CA 95050
(408) 727-3519
Major Market: Peripheral
Manufacturing; Miscellaneous
Computer Supplies
Target Industries: Scientific
Product Lines: Forms; pens

Contacts:

Head of Marketing: Tom Jupille
Geographic Coverage: International
Year Established: 1971
Number of Employees: 20

WESPERCORP

Wesperline
14321 New Myford Road
Tustin, CA 92680
(714) 730-8250
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Cabinets
Net Sales: \$5 Million - \$25 Million
(1982)
Contacts:
Head of Marketing/Sales: Charles
Geiger
Geographic Coverage: International
Year Established: 1978
Number of Employees: 140

WEST COAST BUSINESS PRODUCTS, INC.

Suite 207
6920 Hayvenhurst Ave.
Van Nuys, CA 91406
(213) 989-5533
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Target Industries: WP; DP
Product Lines: Ribbons; Diskettes;
magnetic media; print wheels
Net Sales: \$1 Million - \$5 Million
(1981)
Geographic Coverage: International
Year Established: 1976
Number of Employees: 10

WEST COAST COMPUTER EXCHANGE, INC.

11309 Folsom Blvd.
Rancho Cordova, CA 95670
(916) 635-9340
Major Market: OEM Computer
Systems and Peripherals/Terminals;
Software House; Systems House
OEM; Dealer/Distributor;
Miscellaneous Computer Supplies
Target Industries: Banking;
Education; Retail; Engineering
Target Applications: Accounting;
Research
Product Lines: Forms; Disk Packs;
Diskettes; Tapes
Net Sales: \$5 Million - \$25 Million
(1981)
Geographic Coverage: International
Year Established: 1976
Number of Employees: 30

WESTERN COMPUTER SUPPLY CO.

820-H Los Vallecitos
San Marcos, CA 92069
(619) 744-8250
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes
Geographic Coverage: National
Year Established: 1978
Number of Employees: 12

WORDEX CORP.

1965 Adams Ave.
San Leandro, CA 94577
(415) 568-6796
Major Market: Miscellaneous
Computer Supplies
Product Lines: Ribbons; Magnetic
media; Printwheels
Net Sales: \$1 Million - \$5 Million
(1982)

Contacts:

Head of Sales: Jerry Pappalardo
Geographic Coverage: International
Year Established: 1974
Number of Employees: 40

XEROX MAGNETICS

150 Charcot Ave.
San Jose, CA 95131
(408) 262-4136
Major Market: Miscellaneous
Computer Supplies
Product Lines: Disk Packs
Geographic Coverage:

XIDEX CORP.

P.O. Box 418
Sunnyvale, CA 94086
(415) 965-7350
Major Market: Miscellaneous
Computer Supplies
Product Lines: Diskettes;
Micrographics; Supplies
Net Sales: More than \$100 Million
(1981)
Contacts:
Head of Marketing/Sales: Glen
Mezher
Head of Sales: Glen Mezher
Geographic Coverage: International
Year Established: 1969
Number of Employees: 800

COLORADO

ASPEN RIBBONS, INC.

1700 N. 55th St.
Boulder, CO 80301
(303) 444-4054
Major Market: Miscellaneous
Computer Supplies
Target Industries: Wholesale; OEM
Product Lines: Ribbons
Net Sales: \$1 Million - \$5 Million
(1982)
Contacts:
Head of Marketing/Sales: Peter C.
Williams
Head of Engineering: William
Schiffmacher
Head of Customer Service: Dianne
Gendreau
Geographic Coverage: International
Year Established: 1976
Number of Employees: 80

BROWN DISC

MANUFACTURING, INC.
1015 Garden of the Gods Road
Colorado Springs, CO 80907
(303) 593-1015
Major Market: Miscellaneous
Computer Supplies
Target Industries: Disk drive
manufacturing; OEM
Product Lines: Diskettes
Contacts:
Head of Marketing/Sales: Bill
Michalenko
Head of Engineering: Bob Pretko
Geographic Coverage: International
Year Established: 1981
Number of Employees: 130

COMPUTER PRODUCTS & SYSTEMS, INC.

755 S. Federal Blvd.
Denver, CO 80219
(303) 922-3630
Major Market: Miscellaneous
Computer Supplies
Product Lines: Disk Packs;

Diskettes; Tapes; Flooring; Labels;
A/C Systems
Geographic Coverage: Wyoming,
Colorado
Year Established: 1968
Number of Employees: 6

DAKOTA GRAPHICS, INC.

9655 W. Colfax
Lakewood, CO 80215
(303) 237-0408
Major Market: Data Services
(Service Bureau); Miscellaneous
Computer Supplies
Target Industries: Eng.
Product Lines: Aperture cards;
Micro film supplies
Contacts:
Head of Sales: Dean A. Ward
Geographic Coverage: International
Year Established: 1946
Number of Employees: 50

ENGINEERED DATA PRODUCTS

470 E. 76th
Denver, CO 80229
(303) 289-4676
Major Market: Office Equipment
Manufacturing; Miscellaneous
Computer Supplies
Target Applications: Media Storage
Product Lines: Furniture; media
storage; equipment
Contacts:
Head of Marketing/Sales: Mr. C.
Folden
Head of Engineering: Mr. W.
Atkinson
Geographic Coverage: International
Year Established: 1975
Number of Employees: 50

INPUT-EZ CORP.

7330 S. Alton Way
Unit E
Englewood, CO 80112
(303) 779-5571
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Terminal
Stands
Net Sales: \$500,000 - \$1 Million
(1981)
Contacts:
Head of Marketing: Martin Mann
Geographic Coverage: International
Year Established: 1980
Number of Employees: 10

OFFICE PRODUCTS INTERNATIONAL

P.O. Box 26339
Denver, CO 80226
(303) 279-9341
Major Market: Miscellaneous
Computer Supplies
Product Lines: Ribbons; printwheels
Geographic Coverage: International
Year Established: 1975
Number of Employees: 35

SAMSONITE CORP.

Contract Furniture
11200 E. 45th Ave.
Denver, CO 80239
(303) 373-6134
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; CRT
stands; Terminal stands
Net Sales: \$5 Million - \$25 Million
(1981)
Contacts:
Head of Marketing: Robert Raiche

Suppliers

Geographic Coverage: International
Year Established: 1951
Number of Employees: 1,000

TOTAL BUSINESS SYSTEMS, INC.

3470 S. Broadway
Englewood, CO 80110
(303) 762-8430
Major Market: Software House;
Systems House OEM;
Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Financial;
Construction
Target Applications: File
management; WP
Product Lines: Ribbons; Disk Packs;
Diskettes
Net Sales: \$500,000 - \$1 Million
(1982)
Contacts:
Head of Marketing: Marj Nickum
Head of Engineering: Anthony Racz
Head of Customer Service: Lisa Racz
Geographic Coverage: Denver
Year Established: 1961
Number of Employees: 15

CONNECTICUT

CIR-TEK, INC.

Danver Division
1813 Dixwell Ave.
Hamden, CT 06514
(203) 288-6666
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Microfilm
Net Sales: \$1 Million - \$5 Million
(1982)
Contacts:
Head of Sales: R. W. D'Angelo
Geographic Coverage: National
Year Established: 1966
Number of Employees: 40

MAGNETIC INFORMATION SYSTEMS, INC.

415 Howe Ave.
Shelton, CT 06484
(203) 735-6477
Major Market: Miscellaneous
Computer Supplies
Product Lines: Diskettes; Cassettes
Contacts:
Head of Marketing/Engineering:
Vince Ruco
Geographic Coverage: International
Year Established: 1978
Number of Employees: 12

MULTIFORMS, INC.

480 Kings Highway Cut-off
P.O. Box 971
Fairfield, CT 06430
(203) 255-9800
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms; Custom
Continuous; Data entry form
Net Sales: \$5 Million - \$25 Million
(1982)
Contacts:
Head of Marketing/Sales: Lou Cervini
Head of Engineering: Craig
Ellenbogen
Head of Customer Service: Gary
Spadoni
Geographic Coverage: Regional

Year Established: 1954
Number of Employees: 60

TRANSCIENCE INDUSTRIES, INC.

179 Ludlow St.
Stamford, CT 06902
(203) 327-7810
Major Market: Miscellaneous
Computer Supplies
Target Industries: OEM; Dealer;
Distributor
Product Lines: security system
Net Sales: \$5 Million - \$25 Million
(1982)
Contacts:
Head of Marketing: Douglas W.
Sherman
Head of Engineering: Manfred Davis
Geographic Coverage: International
Year Established: 1970
Number of Employees: 98

XEROX CORP.

Headquarters
800 Longridge Road
P.O. Box 1600
Stamford, CT 06904
(203) 329-6700
Major Market: Computer, Terminal,
Peripheral, Office Equipment
Manufacturing; Software House;
Systems House OEM;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Government;
General Business
Product Lines: Forms; Ribbons
Net Sales: More than \$100 Million
(1981)
Contacts:
Head of Customer Service: John V.
Titusworth
Geographic Coverage: International
Year Established: 1906
Number of Employees: 121,000

FLORIDA

ATLANTIC DATA FURNITURE PRODUCTS, INC.

4507 W. Alva Ave.
Tampa, FL 33614
(813) 879-3504
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Tape
Library
Contacts:
Head of Marketing: John Kellogg
Head of Sales: Steve Lipton
Geographic Coverage: National
Year Established: 1978
Number of Employees: 26

BETTER BUSINESS FORMS, INC.

6201 80th Ave. N.
P.O. Box 250
Pinellas Park, FL 33565
(813) 223-2568
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes
Net Sales: \$5 Million - \$25 Million
(1982)
Contacts:
Head of Marketing: Greg
Appelreider
Head of Engineering: Joe Baker
Geographic Coverage: Regional

Year Established: 1960
Number of Employees: 260

BUSINESS EQUIPMENT & SUPPLY

3645 Fowler St.
Ft. Meyers, FL 33901
(813) 939-4554
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture
Net Sales: \$500,000 - \$1 Million
(1982)
Contacts:
Head of Marketing: Clifford Warden
Geographic Coverage: Florida
Year Established: 1962
Number of Employees: 14

COMPUTER SUPPLY CORP.

1365 N. W. 158 St.
Miami, FL 33169
(305) 620-6400
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Diskettes; Furniture; Media products
Net Sales: \$1 Million - \$5 Million
(1982)
Contacts:
Head of Sales: Tom Crawford
Geographic Coverage: Florida
Year Established: 1975
Number of Employees: 15

MEDIA SERVICE GROUP

Suite 300
15 E. Merritt Island Causeway
First National Bank Building
Merritt Island, FL 32952
(305) 453-5003
Major Market: Systems House
OEM; Data Services (Service
Bureau); Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Small Business
Product Lines: Forms; Ribbons;
Diskettes
Geographic Coverage: International
Year Established: 1982
Number of Employees: 5

NATIONAL DATA PRODUCTS, INC.

8510 Sunstate
Tampa, FL 33614
(813) 886-6661
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Target Industries: Banks;
Education; General Business
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Flooring
Contacts:
Head of Marketing: Howard Sellers
Geographic Coverage: National
Year Established: 1972
Number of Employees: 200

ROYAL DATA, INC.

2199 Garden St.
P.O. Box 2745
Titusville, FL 32780
(305) 267-1960
Major Market: Computer
Manufacturing; OEM Computer
Systems; Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Manufacturing;
Small Business

Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture
Net Sales: \$1 Million - \$5 Million
(1981)

Contacts:
Head of Marketing: Gene Kelly
Head of Software: Chuck Brossier
Head of Customer Service: Perry
Fisch
Geographic Coverage: International
Year Established: 1979
Number of Employees: 22

VALBRO BUSINESS FORMS

37 N. Boyd
Winter Garden, FL 32787
(305) 656-2331
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Contacts:
Head of Marketing: Bert Valdes
Geographic Coverage: National
Year Established: 1937
Number of Employees: 50

GEORGIA

CURTIS 1000, INC.

1000 Curtis Drive
Smyrna, GA 30080
(404) 436-6155
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Letterheads; Envelope printing
Net Sales: More than \$100 Million
(1981)
Contacts:
Head of Marketing: R. A. Woolcott
Geographic Coverage: National
Year Established: 1982
Number of Employees: 2,000

LABEL AMERICA, INC.

5430 Ponce De Leon Ave.
P.O. Box 1245
Stone Mountain, GA 30083
(404) 934-8040
Major Market: Miscellaneous
Computer Supplies
Target Applications: Printing labels
Product Lines: Computer labels
Net Sales: \$1 Million - \$5 Million
(1982)
Geographic Coverage: National
Year Established: 1980
Number of Employees: 20

UNITED ENGINEERING CO., INC.

880 Johnson Ferry Road
Atlanta, GA 30342
(404) 256-4871
Major Market: Miscellaneous
Computer Supplies; Manufacturer's
Rep
Target Industries: Government;
Airlines; Scientific
Product Lines: Support equipment
for computer room
Contacts:
Head of Marketing: E. William Vester
Geographic Coverage: Regional
Year Established: 1964
Number of Employees: 6

WOODBURY BUSINESS FORMS, INC.

101 Industrial Blvd.

Suppliers

La Grange, GA 30240
(404) 882-2977
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Geographic Coverage: National
Year Established: 1954
Number of Employees: 180

IDAHO

BOISE CASCADE CORP.
1 Jefferson Square
Boise, ID 83728
(208) 384-6161
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Furniture;
Paper, Packaging
Net Sales: Over \$100 Million (1982)
Contacts:
Head of Marketing: Jon H. Miller
Geographic Coverage: International
Year Established: 1957
Number of Employees: 28,300

COUNTRYSIDE DATA, INC.
Suite 201
718 N. Skyline
Idaho Falls, ID 83402
(208) 529-8576
Major Market: Software House;
Miscellaneous Computer Supplies
Product Lines: Forms
Net Sales: \$500,000 - \$1 Million
(1982)
Geographic Coverage: International
Year Established: 1981
Number of Employees: 3

IOWA

MID-AMERICA SUPPLY CO., INC.
Suite B
1548 N.W. 86th St.
Des Moines, IA 50311
(515) 225-3866
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Disk Packs;
Tapes; Furniture; Flooring
Net Sales: \$500,000 - \$1 Million
(1982)
Geographic Coverage: National
Year Established: 1971
Number of Employees: 5

RING KING VISIBLES, INC.
2210 Second Ave.
Muscatine, IA 52761
(319) 263-8144
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Floppy
files; Stands; Binders
Net Sales: \$5 Million - \$25 Million
(1982)
Geographic Coverage: International
Year Established: 1971
Number of Employees: 125

ILLINOIS

ADVANCE ACCESS GROUP, INC.
Suite 315

2200 S. Main St.
Lombard, IL 60148
(312) 629-5800
Major Market: Miscellaneous
Computer Supplies
Product Lines: Storage units;
Antistatic mats
Contacts:
Head of Customer Service: Bette
Baumbeck
Geographic Coverage: International
Year Established: 1974
Number of Employees: 12

AMBASSADOR OFFICE EQUIPMENT, INC.
1590 Touhy Ave.
Elk Grove Village, IL 60007
(312) 228-5700
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Flooring
Geographic Coverage: Chicago
area
Year Established: 1974
Number of Employees: 100

AMCO ENGINEERING CO.
3801 N. Rose St.
Schiller Park, IL 60176
(312) 671-6670
Major Market: Maintenance/Other
Services; Miscellaneous Computer
Supplies
Product Lines: Furniture; Enclosures
Contacts:
Head of Marketing: Robert Komarek
Head of Sales: Floyd Johnson
Geographic Coverage: National
Year Established: 1943
Number of Employees: 230

AMERICAN INTELLIGENT MACHINES
175 Halfday Road
P.O. Box 48
Lincolnshire, IL 60069
(312) 634-0076
Major Market: OEM Computer
Systems; Software House; Systems
House OEM; Data Services (Service
Bureau); Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Applications: Business
systems; Accounting systems
Product Lines: Disk Packs;
Diskettes; Tapes
Contacts:
Head of Marketing: Susan Tharp
Head of Software: S. Smith
Geographic Coverage: International
Year Established: 1975

AVERY INTERNATIONAL CO.
Aigret Co.
426 S. Clinton St.
Chicago, IL 60607
(312) 427-7414
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms; indexes;
Guides
Net Sales: \$25 Million - \$100 Million
(1982)
Contacts:
Head of Marketing: Phillip Corse
Geographic Coverage: International
Year Established: 1909
Number of Employees: 800

ACCO INTERNATIONAL, INC.
U.S. Division

770 S. Acco Plaza
Wheeling, IL 60090
(312) 541-9500
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Retention
furniture for mag media
Net Sales: More than \$100 Million
(1981)
Contacts:
Head of Marketing: R. D. Stamm
Geographic Coverage: International
Year Established: 1907
Number of Employees: 1,000

ACL, INC.
1960 E. Devon
Elk Grove Village, IL 60007
(312) 981-9212
Major Market: Miscellaneous
Computer Supplies
Product Lines: Anti-static products
Net Sales: \$1 Million - \$5 Million
(1982)
Contacts:
Head of Marketing: Stephen A.
Halperin
Geographic Coverage: National
Year Established: 1953
Number of Employees: 10

AM INTERNATIONAL, INC.
Corporate Headquarters
130 E. Randolph St.
Chicago, IL 60601
(312) 565-2800
Major Market: Terminal, Peripheral,
Communications Equipment
Manufacturing; OEM Computer
Systems and Peripherals/Terminals;
Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Engineering;
Manufacturing
Target Applications: OCR;
Graphics; CAD
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes
Year Established: 1924
Number of Employees: 12,000

BRETFORD MANUFACTURING
9715 Soreng Ave.
Schiller Park, IL 60176
(312) 878-2545
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture
Net Sales: \$1 Million - \$5 Million
(1981)
Contacts:
Head of Sales: David Petrick
Geographic Coverage: International
Year Established: 1948

DIETZGEN CORP.
250 Wille Road
Des Plaines, IL 60018
(312) 635-5200
Major Market: Miscellaneous
Computer Supplies
Target Industries: Engineering;
Architecture
Product Lines: CAD Supplies
Contacts:
Head of Sales: Bill Wheaton
Head of Engineering: Ron Bauer
Geographic Coverage: International
Year Established: 1965
Number of Employees: 300

FELLOWES MANUFACTURING CO.
Eichner Systems

1789 Norwood Ave.
Itasca, IL 60143
(312) 893-1600
Major Market: Miscellaneous
Computer Supplies
Product Lines: Storage devices
Net Sales: \$1 Million - \$5 Million
(1981)
Contacts:
Head of Marketing: Thomas Schultz
Geographic Coverage: International
Year Established: 1975
Number of Employees: 39

JAMES METAL PRODUCTS CO.
James System Division
2929 N. Oakley Ave.
Chicago, IL 60618
(312) 472-2611
Major Market: Peripheral, Office
Equipment Manufacturing;
Miscellaneous Computer Supplies
Product Lines: Furniture
Net Sales: \$1 Million - \$5 Million
(1981)
Contacts:
Head of Marketing: W. K. Hollander
Head of Engineering: L. Patterson
Geographic Coverage: International
Year Established: 1890
Number of Employees: 26

MAGNETIC SHIELD
Perfection Mica Co.
740 N. Thomas Drive
Bensenville, IL 60106
(312) 766-7800
Major Market: Miscellaneous
Computer Supplies
Product Lines: Carrying case for
mag media
Contacts:
Head of Marketing: Gerald Sodaro
Geographic Coverage: National
Year Established: 1941
Number of Employees: 45

MICROSEAL CORP.
2000 Lewis Ave.
Zion, IL 60099
(312) 872-1666
Major Market: Software House;
Miscellaneous Computer Supplies
Product Lines: Micrographics;
Supplies
Contacts:
Head of Sales: Thomas Anderson
Geographic Coverage: International
Year Established: 1960
Number of Employees: 50

MOORE BUSINESS FORMS, INC.
U.S. Forms
1205 Milwaukee Ave.
Glenview, IL 60025
(312) 480-3000
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Net Sales: More than \$100 Million
(1981)
Geographic Coverage: International
Year Established: 1882
Number of Employees: 12,000

NATIONAL NCE CORP.
297 Carlton
Carol Stream, IL 60188
(312) 682-0001
Major Market: Miscellaneous
Computer Supplies
Target Industries: WP; DP
Product Lines: Ribbons; Disk Packs;

Suppliers

Diskettes; Tapes; Furniture; Paper; Printwheels
Geographic Coverage: International
Year Established: 1982
Number of Employees: 75

OFFICE ELECTRONICS, INC.
 122 W. 22nd St.
 Oak Brook, IL 60521
 (312) 655-6400
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms; Tab cards
Contacts:
 Head of Sales: William Heidemann
Geographic Coverage: Regional
Year Established: 1956
Number of Employees: 300

OFFICE SUITES, INC.
 359 N. Wells St.
 Chicago, IL 60610
 (312) 467-6290
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Wall panels
Net Sales: \$5 Million - \$25 Million (1981)
Geographic Coverage: National
Year Established: 1967
Number of Employees: 250

PERFECT PLASTIC PRINTING CORP.
 136 Official Road
 P.O. Box 124
 Addison, IL 60101
 (312) 543-7680
Major Market: Miscellaneous
Computer Supplies
Target Industries: Banking
Product Lines: Mag stripe cards
Contacts:
 Head of Marketing: R. J. Hildreth
Geographic Coverage: National
Year Established: 1964
Number of Employees: 100

PRYOR CORP.
 Computer Supplies
 400 N. Michigan Ave.
 Chicago, IL 60611
 (312) 614-5650
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture
Contacts:
 Head of Marketing: George Porter
Geographic Coverage: Regional
Year Established: 1959
Number of Employees: 320

QUILL CORP.
 100 S. Scheller Road
 Lincolnshire, IL 60069
 (312) 634-4850
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes
Contacts:
 Head of Marketing: Don Hoff
Geographic Coverage: National
Year Established: 1956
Number of Employees: 300

REMOTE COMPUTING SUPPLIES
 3415 Hickory Trail
 Downers Grove, IL 60515
 (312) 964-7800
Major Market: Dealer/Distributor;

Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture; Binders; Static mats
Net Sales: \$100,000 - \$500,000 (1982)
Geographic Coverage: National
Year Established: 1969
Number of Employees: 3

SHEPARD GROUP CO.
 Suite 603
 6 N. Michigan Ave.
 Chicago, IL 60602
 (312) 346-7090
Major Market: Peripheral and Office
 Equipment Manufacturing; Systems
 House OEM; Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Printwheels
Contacts:
 Head of Marketing: Ralph Birdsong
Geographic Coverage: National
Year Established: 1979
Number of Employees: 20

STAR FORMS, INC.
 4414 River Drive
 Moline, IL 61265
 (309) 797-1389
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Net Sales: \$25 Million - \$100 Million (1981)
Contacts:
 Head of Marketing: Jeff Gillilan
 Head of Sales: Carr Summers
Geographic Coverage: National
Year Established: 1969
Number of Employees: 150

TAPE RESEARCH, INC.
 150 Chicago St.
 Cary, IL 60013
 (312) 639-0585
Major Market: Peripheral
 Manufacturing; Miscellaneous
 Computer Supplies
Product Lines: Tapes; Floppy Disk
 Media
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Marketing: Dennis Gotsch
Geographic Coverage: International
Year Established: 1975
Number of Employees: 55

TRI, INC.
 150 Chicago St.
 Cary, IL 60013
 (312) 639-0585
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Ribbons; Diskettes;
 Tapes
Contacts:
 Head of Marketing: Dennis Gotsch
Geographic Coverage: International
Year Established: 1975
Number of Employees: 50

UARCO, INC.
 W. County Line Road
 Barrington, IL 60010
 (312) 381-7000
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture; Paper Holding devices;
 Antistatic mats

Contacts:
 Head of Marketing: L. S. Richards
 Head of Sales: B. H. Moses
Geographic Coverage: National
Year Established: 1894
Number of Employees: 4,500

UARCO, INC.
 Jarco Computer Supplies
 121 N. Ninth St.
 P.O. Box 948
 Dekalb, IL 60115
 (800) 435-0713
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture
Contacts:
 Head of Marketing: Lois S. Richards
 Head of Sales: Richard C. Meara
Geographic Coverage: National
Year Established: 1980

WABASH DATA TECH, INC.
 2 Continental Towers
 1701 Golf Road
 Rolling Meadows, IL 60008
 (312) 593-8363
Major Market: Peripheral
 Manufacturing; Miscellaneous
 Computer Supplies
Product Lines: Diskettes; Tapes
Contacts:
 Head of Marketing: Joseph Ganley
Geographic Coverage: International
Year Established: 1960
Number of Employees: 50

WALLACE COMPUTER SERVICES, INC.
 4600 W. Roosevelt Road
 Hillside, IL 60162
 (312) 449-8600
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Forms; Ribbons;
 Tapes; Furniture; Labels
Contacts:
 Head of Sales: J. Schwan
Geographic Coverage: National
Year Established: 1908
Number of Employees: 2,000

WILSON JONES CO.
 6150 W. Touhy Ave.
 Chicago, IL 60648
 (312) 774-7700
Major Market: Systems House
 OEM; Miscellaneous Computer
 Supplies
Target Applications: Accounting
Product Lines: Forms; Furniture;
 Office supplies; Binders
Contacts:
 Head of Marketing/Sales: James A.
 Yates
Year Established: 1897

INDIANA

CORNELIUS BUSINESS FORMS & SYSTEMS
 Suite 315
 3435 Emmerson Way, N.
 Indianapolis, IN 46226
 (317) 545-4240
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture

Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
 Head of Sales: David Cornelius
Geographic Coverage: Indiana
Year Established: 1900
Number of Employees: 12

BOMORE CORP.
 2400 Sterling Ave.
 P.O. Box 1289
 Elkhart, IN 46515
 (219) 293-0621
Major Market: Miscellaneous
 Computer Supplies
Target Industries: Business
Product Lines: Furniture
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Sales: Gary H. Beals
 Head of Engineering: Roy W. Fink
Geographic Coverage: National
Year Established: 1926
Number of Employees: 200

WILLAMETTE INDUSTRIES, INC.
 Business Forms
 6461 Saguro Court
 Indianapolis, IN 46268
 (317) 297-3033
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Forms
Net Sales: More than \$100 Million (1981)
Geographic Coverage: International
Year Established: 1969
Number of Employees: 8,200

KANSAS

CRAMER, INC.
 625 Adams St.
 Kansas City, KS 66105
 (913) 621-6700
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Furniture
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Sales: Thomas R. Hyland
 Head of Engineering: Bob Wehner
Geographic Coverage: International
Year Established: 1886
Number of Employees: 200

THE WOOD WORKS
 11th and Haskell
 P.O. Box 407
 Lawrence, KS 66044
 (913) 842-7797
Major Market: Miscellaneous
 Computer Supplies
Target Industries: Micro users
Product Lines: Furniture
Contacts:
 Head of Marketing: Dan Coester
Geographic Coverage: National
Year Established: 1980
Number of Employees: 15

KENTUCKY

EAGLES COMPUTER FORMS
 820 Lane Allen Road
 P.O. Box 11490

Lexington, KY 40504
(606) 277-4111
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Contacts:
Head of Marketing: R. C. Fuller
Geographic Coverage: U.S. and Canada
Year Established: 1978
Number of Employees: 40

MASSACHUSETTS

AVANT, INC.
P.O. Box A
Concord, MA 01742
(617) 369-0860
Major Market: Miscellaneous
Computer Supplies
Target Industries: Education; Hospitals; General Industry
Product Lines: Photo ID equipment
Contacts:
Head of Sales: Michael Hanson
Geographic Coverage: National
Year Established: 1975
Number of Employees: 14

ATS CASES
25 Washington Ave.
Natick, MA 01760
(617) 653-6724
Major Market: Miscellaneous
Computer Supplies
Product Lines: computer cases
Geographic Coverage: National
Year Established: 1975
Number of Employees: 12

BUSINESS PRODUCTS UNLIMITED
1235 Adams St.
Dorchester, MA 02124
(617) 296-0090
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Mag charting system
Geographic Coverage: Greater Boston
Year Established: 1969
Number of Employees: 40

BASF SYSTEMS CORP.
Crosby Drive
Bedford, MA 01730
(617) 271-4000
Major Market: Peripheral
Manufacturing; Miscellaneous
Computer Supplies
Product Lines: Disk Packs;
Diskettes; Tapes
Net Sales: Less than \$100,000
(1981)
Contacts:
Head of Marketing/Sales: John J. Healon
Geographic Coverage: National
Year Established: 1961
Number of Employees: 1,100

CHOMERICS SHIELDING TECHNOLOGY
77 Dragon Court
Woburn, MA 01888
(617) 935-4850
Major Market: Data Services
(Service Bureau); Miscellaneous

Computer Supplies
Target Industries: Military;
Computer Manufacturers
Product Lines: Non Electronic;
Static Control
Contacts:
Head of Marketing/Sales: Jerry Karr
Head of Engineering: Pete Bixler
Head of Customer Service: Roger Grimes
Geographic Coverage: International
Year Established: 1961
Number of Employees: 475

COMPUTER-LINK CORP.
Media Equipment Sales
40 Ray Ave.
Burlington, MA 01803
(617) 272-7400
Major Market: Dealer/Distributor
Computer Supplies
Target Industries: IBM Installations
Product Lines: Disk/Cartr Inspectors;
Tape Degausser
Contacts:
Head of Marketing: Roger Gates
Head of Sales: R. Donald Blackburn
Head of Engineering: David Goldman
Geographic Coverage: International
Year Established: 1968
Number of Employees: 130

DATA FORMS CO., INC.
28 Travis St.
Boston, MA 02134
(617) 783-2330
Major Market: Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Small business;
Medical business
Target Applications: Timesharing;
Financial; Education; Medical
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Mag tape
Contacts:
Head of Sales: Ken Oshner
Geographic Coverage: Regional
Year Established: 1965
Number of Employees: 105

DATA PACKAGING CORP.
Computer Sales
205 Broadway
Cambridge, MA 02139
(617) 868-6200
Major Market: Miscellaneous
Computer Supplies
Product Lines: Disk Packs; Storage
Net Sales: \$25 Million - \$100 Million
(1981)
Contacts:
Head of Marketing: Jackie Bridges
Head of Sales: Gene Hull
Geographic Coverage: International
Year Established: 1946
Number of Employees: 400

DENNISON KYBE CORP.
132 Cavyar St.
Waltham, MA 02254
(617) 899-0012
Major Market: Peripheral
Manufacturing; Miscellaneous
Computer Supplies
Target Industries: Distribution;
Manufacturing
Product Lines: Disk Packs; Tapes;
Diskettes; Cleaning and Test
Equipment
Net Sales: \$5 Million - \$25 Million
(1981)
Contacts:
Head of Marketing: Richard K. Hurley
Geographic Coverage: International

Suppliers

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WE HAVE A LARGE STOCK OF
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138 W. 38th ST., N.Y.C. 10018

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TOLL FREE 800-248-5500

Year Established: 1960
Number of Employees: 340

DENNISON NATIONAL
1 Water St.
P.O. Box 791
Holyoke, MA 01041
(413) 539-9811
Major Market: Component,
Computer and Office Equipment
Manufacturing; Miscellaneous
Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Filing Accessories
Net Sales: \$25 Million - \$100 Million
(1981)
Contacts:
Head of Marketing: Richard
McCarthy
Geographic Coverage: National
Year Established: 1844
Number of Employees: 2,000

DFS COMPUTER FORMS
P.O. Box 643
Townsend, MA 01469
(617) 448-5167
Major Market: Miscellaneous
Computer Supplies
Target Industries: Small Business;
Software Houses
Product Lines: Forms
Contacts:
Head of Sales: Don Gordon
Head of Software: Ron Richard
Geographic Coverage: National
Year Established: 1981

Number of Employees: 35

GEORGE A. BLANCO, CO.
Rt. 71
P.O. Box 149
Great Barrington, MA 01230
(800) 292-6625
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Flooring; printwheels
Geographic Coverage: International
Year Established: 1977
Number of Employees: 15

IDENTIFICATION SYSTEMS
4 High St.
Acton, MA 01720
(617) 263-2111
Major Market: Miscellaneous
Computer Supplies
Product Lines: Mag stripe card;
Photo ID cards
Net Sales: \$1 Million - \$5 Million
(1982)
Contacts:
Head of Marketing: Marie Batten
Geographic Coverage: International
Year Established: 1977
Number of Employees: 25

INTERNATIONAL DISPLAY EQUIPMENT CORP.
1 Worcester Road
Natick, MA 01760
(617) 237-7010
Major Market: Miscellaneous

Suppliers

Computer Supplies

Target Industries: Manufacturing; Education; Lodging
Product Lines: Partitions; Display units
Net Sales: \$100,000 - \$500,000 (1981)
Contacts:
 Head of Marketing/Sales: Robert Kestley
 Head of Customer Service: Martin Rabinovitz
Geographic Coverage: Regional
Year Established: 1967
Number of Employees: 6

MANCHESTER EQUIPMENT CO., INC.

P.O. Box 1406
 Manchester, MA 01944
 (617) 526-4912
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: End User; Minis Market; Mainframe Market
Product Lines: Forms; Ribbons; Disk Packs; Diskettes
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Marketing: Aaron Reibstein
Geographic Coverage: National
Year Established: 1971
Number of Employees: 100

NEW ENGLAND WORD PROCESSING, INC.

84 Cummings Park
 Woburn, MA 01801
 (617) 938-1900
Major Market: Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Product Lines: Ribbons; Diskettes
Net Sales: \$500,000 - \$1 Million (1981)
Geographic Coverage: New England
Year Established: 1980
Number of Employees: 10

NEWMAR, INC.

55 Salem St.
 Lynnfield, MA 01940
 (617) 245-7960
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Geographic Coverage: National
Year Established: 1965
Number of Employees: 16

NORTHEAST DATA PROCESSING SUPPLIES, INC.

8 Blanchard Road
 Burlington, MA 01803
 (617) 272-7158
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Labels
Geographic Coverage: Regional
Year Established: 1974
Number of Employees: 6

OMNI RESOURCES CORP.

50 Howe Ave.
 Milbury, MA 01527
 (617) 799-0197
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Software Houses;

Dealers; Publisher

Product Lines: Diskettes
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing: C. J. Anand
Geographic Coverage: International
Year Established: 1981
Number of Employees: 20

PERICOMP CORP.

14 Huron Drive
 Natick, MA 01760
 (617) 237-4052
Major Market: Computer Manufacturing; Software House; Systems House OEM; Miscellaneous Computer Supplies
Target Industries: Tape Users
Target Applications: Accounting; Inventory Control; Planning
Product Lines: Tapes; Cassettes
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
 Head of Marketing: John Fleming
Geographic Coverage: International
Year Established: 1971
Number of Employees: 35

PRECISION HANDLING DEVICES, INC.

63 S. Main St.
 Assonet, MA 02702
 (617) 644-5282
Major Market: Component Manufacturing; OEM Peripherals/ Terminals; Miscellaneous Computer Supplies
Target Industries: Computer Printers
Product Lines: Paper feeders
Contacts:
 Head of Marketing/Customer Service: John Morelli
 Head of Engineering: Leo Kerivan
Geographic Coverage: International
Year Established: 1974
Number of Employees: 100

SCOPUS CORP.

333 Alken St.
 P.O. Box 1437
 Lowell, MA 01853
 (617) 454-8033
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies; Disc and Tape Refurbishing
Target Industries: Insurance; Banking; Manufacturing
Product Lines: Disk Packs; Tapes
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Marketing: William H. Dwyer
 Head of Sales: John R. Trask
Geographic Coverage: National
Year Established: 1971
Number of Employees: 200

SENTINEL COMPUTER PRODUCTS

Division of Packaging Industry Group, Inc.
 130 North St.
 Hyannis, MA 02601
 (617) 775-5220
Major Market: Miscellaneous Computer Supplies
Product Lines: Diskettes; Diskette Jackets
Contacts:
 Head of Marketing: Peter McGunk
Geographic Coverage: International

Year Established: 1980

TIME BROKERS OF NEW ENGLAND, INC.

45 Central St.
 Norwood, MA 02062
 (617) 769-4060
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
 Head of Sales: Rick Mansfield
Geographic Coverage: Regional
Year Established: 1974
Number of Employees: 12

UNITED TECHNICAL PRODUCTS, INC.

32 S.W. Industrial Park
 Westwood, MA 02090
 (617) 326-7611
Major Market: Miscellaneous Computer Supplies
Target Industries: Computer manufacturers
Product Lines: Flooring; anti-static mat; products
Contacts:
 Head of Marketing/Sales: Thomas Zogly
 Head of Engineering: William Klein
 Head of Customer Service: Joan Rotondo
Year Established: 1977
Number of Employees: 12

WRIGHT LINE, INC.

160 Goldstar Blvd.
 Worcester, MA 01606
 (617) 852-4300
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Disk Packs; Diskettes; Tapes; Furniture; Data Banks; Comp Acc
Net Sales: \$25 Million - \$100 Million (1982)
Contacts:
 Head of Marketing: Wayne Clemens
 Head of Software: James Young
 Head of Engineering: David Wright
 Head of Customer Service: Thomas Londergan
Geographic Coverage: International
Year Established: 1934
Number of Employees: 950

MARYLAND

AIRFLOW CO.

19050 Laytonville Road
 Gaithersburg, MD 20879
 (301) 948-5000
Major Market: Miscellaneous Computer Supplies
Contacts:
 Head of Marketing: Owen Thomas
 Head of Sales: Henry Cousineau
Geographic Coverage: International
Year Established: 1959
Number of Employees: 115

ATLANTIC CABINET CORP.

Interstate Park
 P.O. Box 100
 Williamsport, MD 21795
 (301) 223-8900
Major Market: Miscellaneous Computer Supplies

Product Lines: Furniture
Net Sales: \$1 Million - \$5 Million (1981)
Geographic Coverage: National
Year Established: 1964
Number of Employees: 30

CHAFITZ, INC.

1055 First St.
 Rockville, MD 20850
 (301) 340-3300
Major Market: Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: R & D
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
 Head of Marketing: Arleen Chafitz
 Head of Engineering: Gerry Cain
Geographic Coverage: Maryland; Virginia; Washington, DC
Year Established: 1971
Number of Employees: 30

CHAMPION DATA PRODUCTS, INC.

28-Q Industrial Park Drive
 St. Charles, MD 20601
 (301) 843-6980
Major Market: Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Federal government; Commercial attorneys; General business
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes; Test Equipment
Geographic Coverage: Metropolitan Washington Area
Year Established: 1981
Number of Employees: 4

GENERAL KINETICS, INC.

Media Division
 12300 Parklawn Drive
 Rockville, MD 20852
 (301) 881-2044
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies
Product Lines: Enclosures
Geographic Coverage: National
Year Established: 1957
Number of Employees: 100

KLEEN STRIKE, INC.

9167 Red Branch Road
 Columbia, MD 21045
 (301) 997-5868
Major Market: Miscellaneous Computer Supplies
Product Lines: Ribbons
Contacts:
 Head of Sales/Customer Service: Sylvia Moore
 Head of Engineering: Leonard Strough
Geographic Coverage: International
Year Established: 1965
Number of Employees: 35

SPARTAN INDUSTRIES, INC.

Magnetic Media Products
 4015 Sandy Spring Road
 Burtonsville, MD 20866
 (301) 384-1300
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Government; Manufacturing; Legal; Associations
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes;

Suppliers

Toners, Developers, Print Wheels
Net Sales: \$1 Million - \$5 Million
 (1982)
Contacts:
 Head of Marketing/Sales: Gauriel
 Najjar
 Head of Customer Service: Leigh
 Tran
Geographic Coverage: National
Year Established: 1976
Number of Employees: 8

TATE ARCHITECTURAL PRODUCTS

7510 Montevideo Road
 Jessup, MD 20794
 (301) 799-4200
Major Market: Miscellaneous
 Computer Supplies; Access Flooring
 Manufacturing
Product Lines: Flooring
Net Sales: \$25 Million - \$100 Million
 (1981)
Contacts:
 Head of Marketing: Del Birch
 Head of Sales: Bill Mornil
 Head of Software: Al Kissling
 Head of Engineering: Ronald
 Anderson
 Head of Customer Service: Thomas
 Kidd
Geographic Coverage: International
Year Established: 1965
Number of Employees: 400

TESSCO, INC.

Bud Information Systems
 101 Lakelands Drive
 Cockeysville, MD 21030
 (301) 628-5300
Major Market: Miscellaneous
 Computer Supplies
Target Industries: Dealers
Product Lines: Diskettes
Net Sales: \$1 Million - \$5 Million
 (1982)
Contacts:
 Head of Marketing: Jack Armstrong
Geographic Coverage: National
Year Established: 1952
Number of Employees: 20

MICHIGAN

AMERICAN SEATING CO.

Contract Prod./Office Systems
 901 Broadway
 Grand Rapids, MI 49504
 (616) 456-0600
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Furniture; Office
 systems
Contacts:
 Head of Marketing: Richard N.
 Keener
 Head of Sales: Fred Sheldon
 Head of Software: Ron Donahue
 Head of Engineering: Robert Knopp
 Head of Customer Service: George
 Cook
Geographic Coverage: International
Year Established: 1890
Number of Employees: 1,300

AZTECA INTERNATIONAL, INC.

Aztica Computer Systems
 3815 Lone Pine Road
 A/200
 West Bloomfield, MI 48033
 (313) 626-1684

Major Market: OEM Computer
 Systems and Peripherals/Terminals;
 Software House; Systems House
 OEM; Dealer/Distributor;
 Maintenance/Other Services;
 Miscellaneous Computer Supplies
Target Industries: Manufacturing;
 Financial; Education
Target Applications: Maintenance and
 Program Training; Educational
 Development
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture; Flooring; File Systems
Net Sales: Less than \$100,000
 (1981)
Contacts:
 Head of Marketing: Larry G. Bager
 Head of Sales: William C. Inch
 Head of Customer Service: James E.
 Inch
Geographic Coverage: International
Year Established: 1980
Number of Employees: 20

COMMUNICATIONS ELECTRONICS

Computer Products Division
 854 Phoenix Drive
 P.O. Box 1002 Dept. CW
 Ann Arbor, MI 48106
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Target Industries: Military;
 Government; Manufacturing; Retail
Product Lines: Forms; Disk Packs;
 Diskettes; Tapes; Furniture
Geographic Coverage: International
Year Established: 1971
Number of Employees: 15

EAGLE DATA PRODUCTS

304 S. Broad St.
 Holly, MI 48442
 (313) 634-0990
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Acoustic Covers
Contacts:
 Head of Sales: Ruth Frogner
Geographic Coverage: National
Year Established: 1979

GENERAL INFORMATION PRODUCTS, INC.

Suite 209
 3415 Roger Chaffee S.E.
 Grand Rapids, MI 49508
 (616) 247-8666
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes
Net Sales: \$500,000 - \$1 Million
 (1981)
Geographic Coverage: Regional
Year Established: 1974
Number of Employees: 50

HAWORTH, INC.

One Haworth Center
 Holland, MI 49423
 (616) 392-5961
Major Market: Miscellaneous
 Computer Supplies
Target Industries: Large offices
Product Lines: Furniture
Net Sales: More than \$100 Million
 (1982)
Contacts:
 Head of Sales: Jim Meyer
 Head of Customer Service: Jerry
 Commijn
Geographic Coverage: International

Year Established: 1975
Number of Employees: 1,300

HERMAN MILLER, INC.

8500 Byron Road
 Zeeland, MI 49464
 (616) 772-3300
Major Market: Miscellaneous
 Computer Supplies; Office Furniture
Product Lines: Furniture
Geographic Coverage: International
Year Established: 1909
Number of Employees: 3,000

PACKARD INDUSTRIES, INC.

1515 U.S. 31 N.
 Niles, MI 49120
 (616) 684-2550
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Furniture
Net Sales: \$1 Million - \$5 Million
 (1981)
Contacts:
 Head of Sales: Gerald Carlson
Geographic Coverage: International
Year Established: 1965
Number of Employees: 50

THE SHAW-WALKER CO.

Furniture
 P.O. Box 209
 Muskegon, MI 49443
 (616) 722-7211
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Furniture
Contacts:
 Head of Marketing: Phil Fleming
Geographic Coverage: International
Year Established: 1899
Number of Employees: 900

WESTINGHOUSE ELECTRIC CORP.

Furniture Systems
 4300 36th St. S.E.
 Grand Rapids, MI 49508
 (616) 949-1050
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Furniture; Chairs
Contacts:
 Head of Marketing: James Stein
 Head of Sales: M. Jurewicz
Geographic Coverage: International
Year Established: 1960

MINNESOTA

BLACKBOURN, INC.

10150 Crosstown Circle
 Eden Prairie, MN 55344
 (612) 944-7010
Major Market: Peripheral
 Manufacturing; Miscellaneous
 Computer Supplies
Target Industries: Education;
 Software; Religion; Video
Product Lines: Floppy storage
 devices
Net Sales: \$5 Million - \$25 Million
 (1982)
Geographic Coverage: National
Year Established: 1960
Number of Employees: 160

BSG CORP.

7674 Washington Ave. S.
 Minneapolis, MN 55344
 (944) 8180
Major Market: Software House;

Systems House OEM;
 Maintenance/Other Services;
 Miscellaneous Computer Supplies
Target Industries: Finance/banking;
 Retail; Software/Hardware OEM;
 Banking
Target Applications:
 Business/financial
Product Lines: Floppy file albums;
 Dust covers
Contacts:
 Head of Marketing: Robert Pellegrino
 Head of Sales: Ann Hanen
 Head of Software: George L. Kuhn
Geographic Coverage: National
Year Established: 1980
Number of Employees: 50

C.T.B., INC.

P.O. Box 367
 Wyoming, MN 55092
 (612) 462-3550
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Furniture; Sound
 enclosure
Geographic Coverage: National
Year Established: 1981
Number of Employees: 7

CONWED CORP.

Interior Products
 444 Cedar St.
 P.O. Box 43237
 St. Paul, MN 55164
 (612) 221-1104
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Furniture; partitions
Net Sales: \$5 Million - \$25 Million
 (1982)
Contacts:
 Head of Customer Service: Don
 Fetterer
Geographic Coverage: International
Year Established: 1922
Number of Employees: 300

DELUXE CHECK PRINTERS, INC.

Deluxe Computer Forms
 530 N. Wheeler
 P.O. Box 43495
 St. Paul, MN 55164
 (612) 483-7888
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Target Industries: Business; Banks;
 Homemakers
Target Applications: Payroll;
 Accounting
Product Lines: Forms; Diskettes;
 Furniture; Disc storage; Devices
Contacts:
 Head of Marketing: Andrew Hallcock
Geographic Coverage: National
Year Established: 1981
Number of Employees: 100

LOONAM COMPUTER PRODUCTS

7720 Bush Lake Road
 Minneapolis, MN 55435
 (612) 831-1616
Major Market: Software House;
 Dealer/Distributor; Miscellaneous
 Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture
Net Sales: \$25 Million - \$100 Million
 (1982)
Contacts:
 Head of Marketing: Larry Schaaf
Geographic Coverage: National

Suppliers

Year Established: 1968
Number of Employees: 150

NORTRONICS CO., INC.

8101 Tenth Ave. N.
Minneapolis, MN 55427
(612) 545-0401
Major Market: Component Manufacturing; Miscellaneous Computer Supplies
Product Lines: Maintenance; Products
Net Sales: \$25 Million - \$100 Million (1982)
Contacts:
Head of Marketing: Mervin Kronfeld
Geographic Coverage: International
Year Established: 1952
Number of Employees: 700

PROBLEM SOLVERS

12725 Dupont Ave. S.
Burnsville, MN 55337
(612) 894-6230
Major Market: Software House; Systems House OEM; Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Wholesale; Maintenance; Equipment Maintenance
Product Lines: Forms; Ribbons; Disk Packs; Furniture; Cabling
Geographic Coverage: National
Year Established: 1980
Number of Employees: 4

TELE-TERMINALS, INC.

7008 Northland Drive
Minneapolis, MN 55428
(612) 536-6000
Major Market: OEM Computer Systems and Peripherals/Terminals; Software House; Systems House OEM; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Education; Government; Non Profit
Target Applications: Data Networks; OA; WP
Product Lines: Ribbons; Disk Packs; Diskettes
Net Sales: \$5 Million - \$25 Million (1981)
Contacts:
Head of Marketing: Charles Zimmer
Head of Software: Jeff Swanson
Geographic Coverage: National
Year Established: 1969
Number of Employees: 70

VIKING ACOUSTICAL CORP.

21480 Heath Ave.
Arlake Industrial Park
Lakeville, MN 55044
(612) 469-3405
Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture; Acoustical; Enclosures
Net Sales: \$5 Million - \$25 Million (1981)
Geographic Coverage: International
Year Established: 1972
Number of Employees: 150

VITECH, INC.

P.O. Box 799
Hopkins, MN 55343
(612) 888-3355
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Furniture; Sound Enclosure

Contacts:
Head of Sales: Tom Mickelson
Geographic Coverage: National
Year Established: 1978
Number of Employees: 13

WAHL AND WAHL, INC.

4405 E. Lake St.
Minneapolis, MN 55406
(612) 721-3386
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Flooring
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
Head of Sales: Jack Mahoney
Geographic Coverage: Regional
Year Established: 1934
Number of Employees: 125

3M CO.

Static Control Systems
3M Center 225-4S
St. Paul, MN 55144
(612) 733-1110
Major Market: Miscellaneous Computer Supplies
Target Applications: Static Control
Product Lines: Static Control; Antistatic Mats
Contacts:
Head of Marketing: Philip V. Kohnhaas
Head of Sales: Michael E. Martin
Geographic Coverage: International
Year Established: 1982

MISSISSIPPI

BESCO-BUSINESS EQUIPMENT & SUPPLY CO.

Highway 45 N.
P.O. Box 1217
Columbus, MS 39701
(601) 328-6860
Major Market: Systems House OEM; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies; Retail
Target Industries: Medical; Garment Manufacturing
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$5 Million - \$25 Million (1981)
Contacts:
Head of Sales: Bertrum Jenkins
Geographic Coverage: Mississippi, N.W. Alabama
Year Established: 1956
Number of Employees: 105

MISSOURI

AMERICAN LOOSE LEAF

BINDER CO.
3041 Locust St.
St. Louis, MO 63103
(314) 535-1414
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Flooring; Storage Racks
Geographic Coverage: National

Year Established: 1920
Number of Employees: 117

SELCO, INC.

3222 N. Highway 67
Florissant, MO 63033
(314) 837-1211
Major Market: Systems House OEM; Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Wholesale; Credit; Equipment Rental; Distribution
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Office Supplies
Net Sales: \$100,000 - \$500,000 (1981)
Contacts:
Head of Marketing: George C. Dewey
Geographic Coverage: National
Year Established: 1977
Number of Employees: 8

TIFFANY STAND AND FURNITURE CO.

Suite 750
9666 Olive Blvd.
St. Louis, MO 63132
(314) 991-1700
Major Market: Miscellaneous Computer Supplies
Target Industries: Retail; Wholesale
Product Lines: Computer Furniture; Office Machine Stands
Geographic Coverage: National
Year Established: 1946
Number of Employees: 200

NEBRASKA

DATA DOCUMENTS, INC.

4205 S. 96th St.
Omaha, NE 68127
(402) 339-0900
Major Market: Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Cards; Labels
Net Sales: More than \$100 Million (1982)
Geographic Coverage: National
Year Established: 1958
Number of Employees: 1,500

SPECTRONICS CORP.

4645 Hartley
Lincoln, NE 68504
(402) 467-3652
Major Market: Miscellaneous Computer Supplies
Product Lines: Fire and Security devices
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
Head of Marketing: John Damke
Head of Sales: Bruce Steyer
Geographic Coverage: International
Year Established: 1971
Number of Employees: 23

NEW HAMPSHIRE

COVER CRAFT CORP.

12 Columbia Drive
P.O. Box 555
Amherst, NH 03031

(603) 889-6811

Major Market: Miscellaneous Computer Supplies
Product Lines: Flooring; Vinyl Covers; Antistatic Mats
Contacts:
Head of Marketing/Sales: Terry Pratt
Geographic Coverage: International
Year Established: 1974
Number of Employees: 35

EDP SUPPLY CO.

24 Keewaydin Drive
Salem, NH 03079
(603) 893-6118
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Flooring
Contacts:
Head of Marketing/Sales: Ed Downing
Head of Engineering: Robert Faulkner Jr.
Head of Customer Service: Terry Forgue
Geographic Coverage: Regional
Year Established: 1960
Number of Employees: 15

NASHUA CORP.

Computer Products
44 Franklin St.
Nashua, NH 03061
(603) 880-2323
Major Market: Miscellaneous Computer Supplies
Product Lines: Disk Packs; Diskettes; Cartridges
Net Sales: \$25 Million - \$100 Million (1982)
Contacts:
Head of Marketing/Sales: Sherman Silverman
Geographic Coverage: International
Year Established: 1968
Number of Employees: 650

ROYAL BUSINESS GROUP

Simon St.
Nashua, NH 03061
(603) 889-2192
Major Market: Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$25 Million - \$100 Million (1981)
Contacts:
Head of Marketing: Paul Armuda
Geographic Coverage: Eastern U.S.
Year Established: 1948
Number of Employees: 400

SUN RESEARCH, INC.

Mayday
Old Bay Road
P.O. Box 210
New Durham, NH 03855
(603) 859-7110
Major Market: Component Manufacturing; Peripheral Manufacturing; Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: UPS
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
Head of Sales: Michael Mathieson
Head of Engineering: James Bettele
Geographic Coverage: International
Year Established: 1970
Number of Employees: 50

Suppliers

THE MAINE MANUFACTURING CO.

Data-Mate
46 Bridge St.
P.O. Box 408
Nashua, NH 03061
(603) 882-5142
Major Market: Miscellaneous Computer Supplies
Target Industries: OEM; Systems houses; ISO
Product Lines: Furniture
Geographic Coverage: International
Year Established: 1874
Number of Employees: 130

THE MORLEY CO.

909 Islington St.
P.O. Box 629
Portsmouth, NH 03801
(603) 436-5430
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Forms holding equipment
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
Head of Sales: Frederick Taylor
Geographic Coverage: Regional
Year Established: 1890
Number of Employees: 45

NEW JERSEY

ANITEC IMAGE CORP.

1 Paragon Drive
Montvale, NJ 07645
(201) 573-6900
Major Market: Miscellaneous Computer Supplies
Product Lines: Graphic film
Contacts:
Head of Sales: Ben Hannebrink
Geographic Coverage: International
Year Established: 1981
Number of Employees: 900

AC MANUFACTURING CO. (IDPAC)

Old Cuthbert and Deer Roads
Cherry Hill, NJ 08034
(609) 428-9800
Major Market: Miscellaneous Computer Supplies; Build airconditioners
Product Lines: Cooling systems
Contacts:
Head of Sales: Art Behnke
Geographic Coverage: International
Year Established: 1967
Number of Employees: 400

BOORUM & PEASE CO.

801 Newark Ave.
Elizabeth, NJ 07208
(201) 352-8800
Major Market: Miscellaneous Computer Supplies
Product Lines: Forms; Data binders
Net Sales: \$25 Million - \$100 Million (1982)
Contacts:
Head of Sales: Clark J. Horan
Geographic Coverage: National
Year Established: 1842
Number of Employees: 1,500

BUSINESS MACHINE SUPPLY, INC.

2 Ludlow Drive

Trenton, NJ 08638
(609) 883-5198
Major Market: Miscellaneous Computer Supplies
Product Lines: Ribbons; Ribbon cart; Spools
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
Head of Customer Service: Debbie Brophy
Geographic Coverage: National
Year Established: 1967
Number of Employees: 12

COMPUTER MAINTENANCE CORP.

111 Enterprise Ave. S.
Secaucus, NJ 07094
(201) 866-6400
Major Market: OEM Computer Systems; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Distribution; Manufacturing
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Power Regulation
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
Head of Marketing: Joseph F. Riggs
Head of Sales: Anthony Mazza
Head of Engineering: Richard Intile
Head of Customer Service: Earle Kunzig
Geographic Coverage: Regional
Year Established: 1977
Number of Employees: 41

CURRAN SUPPLIES CORP.

38 River Edge Road
River Edge, NJ 07661
(201) 967-7300
Major Market: Miscellaneous Computer Supplies
Target Industries: Plotting; Graphics
Product Lines: Plotter Pens; Paper
Net Sales: \$100,000 - \$500,000 (1982)
Contacts:
Head of Marketing: Richard J. Curran
Head of Sales: Louis J. Martin
Geographic Coverage: National
Year Established: 1968
Number of Employees: 5

CURTIS YOUNG CORP.

2550 Haddonfield Road
Pennsauken, NJ 08110
(609) 665-6650
Major Market: Miscellaneous Computer Supplies
Product Lines: Ribbons; Ink Rolls
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
Head of Marketing/Sales: Susan Kallen
Head of Customer Service: Peter Curtis
Geographic Coverage: International
Year Established: 1953
Number of Employees: 125

GPI

Users Group
77 Park Street
Ridgely Park, NJ 07860
(212) 772-0551
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes;

Furniture
Contacts:
Head of Marketing/Sales: Arthur Bernadette
Geographic Coverage: International
Year Established: 1975
Number of Employees: 8

DABURN ELECTRONICS

CABLE CORP.
70 Oak St.
Norwood, NJ 07648
(201) 768-5400
Major Market: Component Manufacturing; Miscellaneous Computer Supplies
Product Lines: Wire; Shrinkable cable
Contacts:
Head of Customer Service: Kathy Lupardi
Geographic Coverage: International
Year Established: 1964
Number of Employees: 45

DATA CLEAN CORP.

99 Highway 35
Keyport, NJ 07735
(201) 787-2564
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies
Product Lines: Cleaning Kits
Net Sales: \$500,000 - \$1 Million (1982)
Geographic Coverage: National
Year Established: 1979
Number of Employees: 34

DATA RESEARCH ASSOC.

475 S. Dean Street
Englewood, NJ 07631
(201) 569-2620
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes
Net Sales: \$5 Million - \$25 Million (1981)
Contacts:
Head of Marketing/Sales: Steve Rothman
Geographic Coverage: International
Year Established: 1974
Number of Employees: 100

FLOPPY DISK SERVICES, INC.

741 Alexander Road
Princeton, NJ 08540
(609) 799-4440
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: General Public
Product Lines: Enclosures
Geographic Coverage: National
Year Established: 1979
Number of Employees: 8

JTC CORP.

649 Rahway Ave.
Union, NJ 07083
(201) 886-1700
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Banking; Insurance; Manufacturing
Product Lines: Forms; Ribbons; Tabulating cards
Net Sales: \$5 Million - \$25 Million (1981)
Contacts:
Head of Marketing: Jack Connolly
Geographic Coverage: Regional
Year Established: 1954
Number of Employees: 250

MADISON BUSINESS FORMS, INC.

16 Gloria Lane
Fairfield, NJ 07006
(201) 575-0706
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Medical; Banking; Cosmetics
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
Head of Sales: J. Green
Geographic Coverage: Regional
Year Established: 1962
Number of Employees: 35

MAXELL CORP. OF AMERICA

Computer Products
60 Oxford Drive
Moonachie, NJ 07074
(201) 440-8020
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Diskettes
Geographic Coverage: International
Year Established: 1971
Number of Employees: 127

MICROFILM ENTERPRISES, INC.

12 New Dover Road
East Brunswick, NJ 08816
(201) 257-5225
Major Market: Miscellaneous Computer Supplies
Target Applications: General Industry
Product Lines: Microfilm view; Microfilm supplies
Net Sales: \$500,000 - \$1 Million (1981)
Geographic Coverage: International
Year Established: 1973
Number of Employees: 11

MONROE SYSTEMS FOR BUSINESS

The American Road
P.O. Box 9000R
Morris Plains, NJ 07950
(201) 540-7300
Major Market: Computer and Office Equipment Manufacturing; OEM Computer Systems; Software House; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Banking; Accounting
Target Applications: Financial
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Furniture
Net Sales: More than \$100 Million (1981)
Contacts:
Head of Marketing: Robert McGrath
Geographic Coverage: International
Year Established: 1912
Number of Employees: 3,300

MUIRHEAD, INC.

1101 Bristol Road
Mountainside, NJ 07092
(201) 233-6010
Major Market: Communications Equipment Manufacturing; Miscellaneous Computer Supplies
Target Industries: Newspaper; Printing
Product Lines: Paper
Contacts:
Head of Marketing: Holmes Bailey
Head of Sales: Kenneth McKenna

Suppliers

Geographic Coverage: International
Year Established: 1954
Number of Employees: 80

NATIONAL RIBBON CORP.

2131 Bethel Ave.
P.O. Box 575
Pennsauken, NJ 08110
(609) 663-6111
Major Market: Miscellaneous
Computer Supplies
Target Industries: DP; WP; OA
Product Lines: Ribbons
Net Sales: \$1 Million - \$5 Million
Year Established: 1982

Contacts:
Head of Sales: Martin Kaplan
Geographic Coverage: International
Year Established: 1978
Number of Employees: 50

PRC COMPUTER PRODUCTS, INC.

475 Boulevard
Elmwood Park, NJ 07407
(201) 796-6600
Major Market: Miscellaneous
Computer Supplies
Target Industries: Computers; Film
Product Lines: Disk cases
Contacts:
Head of Sales: Kathy Sutherland
Geographic Coverage: National
Year Established: 1958
Number of Employees: 45

RAPID FORMS, INC.

501 Benigno Blvd.
Belmaw, NJ 08031
(609) 933-0480
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Contacts:
Head of Marketing: Keith Mahler
Geographic Coverage: National
Year Established: 1941
Number of Employees: 91

RELANCE PLASTICS & PACKAGING DIVISION

225 Belleville Ave.
Bloomfield, NJ 07003
(201) 748-2222
Major Market: Miscellaneous
Computer Supplies
Target Industries: Software
Product Lines: Packaging; Binders
Net Sales: \$1 Million - \$5 Million
Year Established: 1981
Contacts:
Head of Marketing: Marion Burleigh
Geographic Coverage: National
Year Established: 1966
Number of Employees: 25

SMALL BUSINESS COMPUTERS, INC.

Suite 3002-J
Rt. 73
Green Tree Executive Campus
Marlton, NJ 08053
(609) 983-5510
Major Market: Software House;
Dealer/Distributor: Miscellaneous
Computer Supplies
Target Industries: Manufacturing;
Distribution
Product Lines: Forms; Ribbons;
Net Sales: \$1 Million - \$5 Million
Year Established: 1981
Contacts:
Head of Marketing: Michael Buhler

Head of Software: Irv Otto
Geographic Coverage:
Pennsylvania; New Jersey
Year Established: 1979
Number of Employees: 20

STACOR CORP.

285 Emmet St.
Newark, NJ 07114
(201) 242-6600
Major Market: Miscellaneous
Computer Supplies
Product Lines: Tape storage;
shelves
Contacts:
Head of Sales: Robert Sutton
Geographic Coverage: International
Year Established: 1940
Number of Employees: 200

STC SYSTEMS, INC.

Headquarters Office
4 North St.
Waldwick, NJ 07463
(201) 445-5050
Major Market: OEM (Computer
Systems); Maintenance/Other
Services; Miscellaneous Computer
Supplies
Target Industries: Distributors
Product Lines: Disk Packs; Tapes
Net Sales: \$5 Million - \$25 Million
Year Established: 1981
Contacts:
Head of Marketing: Robert Bearden
Head of Software: Marshall Epstein
Head of Engineering: David
Amsterdam
Head of Customer Service: Tom
Fontanazza
Geographic Coverage: National
Year Established: 1969
Number of Employees: 118

THE SHAW-WALKER CO.

Forms
57 E. Willow St.
Milbourne, NJ 07041
(201) 379-7600
Major Market: Miscellaneous
Computer Supplies
Target Industries: Small Business
Product Lines: Forms
Contacts:
Head of Marketing: Phil S. Fleming
Head of Sales: Bob McVellage
Head of Software: Dave
Beisswanger
Geographic Coverage: National
Year Established: 1981
Number of Employees: 25

THE SILLCOCKS-MILLER CO.

310 Snyder Ave.
Berkeley Heights, NJ 07922
(201) 665-0300
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Net Sales: \$5 Million - \$25 Million
Year Established: 1981
Contacts:
Head of Marketing: Ted Touser
Geographic Coverage: International
Year Established: 1910
Number of Employees: 150

THE TEXWIPE CO.

P.O. Box 575
Upper Saddle River, NJ 07458
(201) 327-9100

Major Market: Miscellaneous
Computer Supplies
Target Industries: Electronics;
Communications; Data Processing;
Field Service
Product Lines: Contamination
control
Geographic Coverage: International
Year Established: 1963
Number of Employees: 150

TRANSET CORP.

1945 Rt. 22
Union, NJ 07083
(201) 688-7800
Major Market: Software House;
Dealer/Distributor:
Maintenance/Other Services;
Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture
Net Sales: \$5 Million - \$25 Million
Year Established: 1981
Contacts:
Head of Marketing: Clarence J. Reed
Head of Sales: Robert Ryan
Head of Engineering: Jay Smolyn
Geographic Coverage: National
Year Established: 1969
Number of Employees: 60

UNIFIED DATA PRODUCTS

CORP.
18-01 Politt Drive
P.O. Box 903
Fairlawn, NJ 07410
(201) 796-0800
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Contacts:
Head of Sales: Al Slade
Head of Customer Service: Edward
Koenig
Geographic Coverage: Regional
Year Established: 1950
Number of Employees: 350

WORD PROCESSING PERIPHERALS & SUPPLY CO., INC.

Suite G
One Industrial Way
Eaton Town, NJ 07724
(201) 389-1600
Major Market: Software House;
Systems House OEM;
Dealer/Distributor: Miscellaneous
Computer Supplies
Target Industries: Banking; Retail;
Engineering; Manufacturing
Target Applications: Legal
Product Lines: Ribbons; Furniture;
Acoustic covers; Daisy wheels
Net Sales: \$1 Million - \$5 Million
Year Established: 1982
Contacts:
Head of Marketing: Linda Brennan
Head of Sales: James J. Brennan
Geographic Coverage: Regional
Year Established: 1980
Number of Employees: 11

WORTHINGTON DIAGNOSTIC SYSTEMS, INC.

Halls Mill Road
Freshhold, NJ 07728
(800) 631-2142
Major Market: Terminal
Manufacturing; OEM Computer
Systems; Systems House OEM;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Medical

Target Applications: Chemical
analysis
Product Lines: Forms
Contacts:
Head of Marketing: Gerald Moss
Geographic Coverage: International
Year Established: 1972
Number of Employees: 400

ZIYAD, INC.

100 Ford Road
Denville, NJ 07834
(201) 627-7808
Major Market: OEM Peripherals/
Terminals; Maintenance/Other
Services; Miscellaneous Computer
Supplies; Manufacturing; Sheet
Feeders
Target Industries: WP OEM; Printer
distributors
Product Lines: sheet feeder
Net Sales: \$5 Million - \$25 Million
Year Established: 1982
Contacts:
Head of Sales: Robert Frankel
Head of Engineering: Ludwig Kapp
Geographic Coverage: National
Year Established: 1980
Number of Employees: 200

*Additional information
provided for by vendor*

Products available through:
AES Data, Compucorp, Data-
point, Dictaphone, Diablo Sys-
tems, Exxon Office Systems,
Harris, Hewlett-Packard, Mi-
com, Lanier, M/A-Com,
Alonius Data, NBI, NCS, Philips
Information Systems, Raytheon
Data Systems, Royal Business
Machines, Syntrex, Terminals
Unlimited, Wang Laboratories
— Contact Ziyad if your vendor
is not listed.

Ziyad markets a full line of cut
sheet paper feeders for word
and data processing systems.
The Ziyad Z-200 and Z-300 pro-
vide two paper trays to handle
various sizes and weights of pa-
per. Audible and visible signals
inform operator of paper-out
and misfeed conditions. Z-300
feeds envelopes and captures
inside address of letter and
prints on envelope.

NEW YORK

AVDEC CORP.

115 Henry St.
Freeport, NY 11520
(516) 546-2272
Major Market: Miscellaneous
Computer Supplies
Target Industries: Education;
Medical
Product Lines: computer locks
Net Sales: Under \$100,000 (1982)
Geographic Coverage: National
Year Established: 1975
Number of Employees: 2

AVM CORP.

AVM Data Products
609 N. Long Beach Road

Suppliers

Rockville Center, NY 11570
(516) 764-1222
Major Market: Miscellaneous
Computer Supplies
Target Industries: Manufacturing
Product Lines: Furniture;
Compuclacker
Net Sales: \$25 Million - \$100 Million
(1982)
Contacts:
Head of Marketing: Joe Totman
Geographic Coverage: International
Year Established: 1959
Number of Employees: 2,000

**BANCROFT BUSINESS
FORMS, INC.**
24 W. 25th St.
New York, NY 10010
(212) 924-4424
Major Market: Miscellaneous
Computer Supplies
Product Lines: Forms
Contacts:
Head of Marketing: J. Meller
Geographic Coverage: National
Number of Employees: 8

BAROHN EATON ALLEN CORP.
Koreotype Division
67 Kent Ave.
Brooklyn, NY 11211
(212) 782-2601
Major Market: Office Equipment
Manufacturing; Miscellaneous
Computer Supplies
Target Industries: Dealers;
Wholesalers; OEM
Product Lines: Ribbons; Film;
Fabric; Ribbons
Net Sales: \$25 Million - \$100 Million
(1981)
Contacts:
Head of Marketing: William Glover
Geographic Coverage: International
Year Established: 1955
Number of Employees: 500

**BENJAMIN
ELECTROPRODUCTS, INC.**
75 Austin Blvd.
Commack, NY 11725
(516) 543-5200
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Tapes; Cleaning Kits
Contacts:
Head of Marketing/Sales: Stuart
Caine
Head of Customer Service: Robin
Leitz
Geographic Coverage: International
Year Established: 1955
Number of Employees: 75

**COMPUTER RIBBON
SPECIALISTS**
P.O. Box 724
Hicksville, NY 11802
(516) 822-5591
Major Market: Miscellaneous
Computer Supplies
Target Industries: Stationary;
Computer Products distributors
Product Lines: Ribbons; Cartridges;
Cassettes
Contacts:
Head of Marketing/Sales: Ernie
Wunderman
Geographic Coverage: International
Year Established: 1926
Number of Employees: 80

CREEK ELECTRONICS CO.
Pilgrim Electric Co.

29 Cain Drive
Plainview, NY 11803
(516) 420 8989
Major Market: Miscellaneous
Computer Supplies
Target Industries: Computer
Product Lines: Power conditioner;
Outlet strips
Contacts:
Head of Marketing: John Alden
Head of Sales: Tom Aiello
Geographic Coverage: International
Year Established: 1978
Number of Employees: 20

DATA LINE ASSOCIATES
1423 Corking Ave.
Utica, NY 13503
(315) 738-1082
Major Market: OEM Peripherals/
Terminals; Miscellaneous Computer
Supplies
Product Lines: Ribbons; Disk Packs;
Diskettes; Tapes
Geographic Coverage: National
Year Established: 1982
Number of Employees: 3

DATAFILE LIMITED
5 Beekman St.
New York, NY 10038
(212) 962-6663
Major Market: Miscellaneous
Computer Supplies
Target Industries: Insurance;
Banking; Brokerage
Product Lines: Furniture
Geographic Coverage: International
Year Established: 1967
Number of Employees: 4

DATAREX SYSTEMS, INC.
3907 Genesee St.
Buffalo, NY 14225
(716) 633-1031
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Disk Packs;
Diskettes; Tapes; Furniture; Sound
Covers
Geographic Coverage: International
Year Established: 1982
Number of Employees: 7

DAVCO FORMS & SUPPLIES
53 Park Place
New York, NY 10007
(212) 732-9200
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Product Lines: Forms; Furniture
Geographic Coverage: Metropolitan
New York City
Year Established: 1979
Number of Employees: 15

**DENNISON MOHARCH
SYSTEMS, INC.**
MacArthur Ave.
New Windsor, NY 12550
(914) 562-3100
Major Market: Miscellaneous
Computer Supplies
Product Lines: Furniture; Stands;
Cabinets
Contacts:
Head of Marketing: Parke McCarthy
Head of Engineering: Bill Mutchler
Geographic Coverage: International
Year Established: 1946
Number of Employees: 125

**ELECTRIC WASTERBASKET
CORP.**
145 West 45 St.

New York, NY 10036
(212) 997-1700
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Target Industries: Finance; Banking;
Retail; Engineering
Product Lines: Cabinet; Switches
Contacts:
Head of Marketing: Morris Golde
Head of Sales: William Golde
Geographic Coverage: National
Year Established: 1942
Number of Employees: 100

GAYLORD BROS., INC.
P.O. Box 4901
Syracuse, NY 13221
(315) 457-5070
Major Market: Software House;
Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Library;
Education
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture
Contacts:
Head of Engineering: Jim Dokoupil
Head of Customer Service: Peggy
Trinca
Geographic Coverage: International
Number of Employees: 300

GRAPHIC CONTROLS CORP.
188 Van Rensselaer St.
P.O. Box 1272
Buffalo, NY 14240
(800) 828-1535
Major Market: Component
Manufacturing; Miscellaneous
Computer Supplies
Product Lines: Forms; Toner; Plotter
paper
Geographic Coverage: International
Year Established: 1957
Number of Employees: 1,000

HI ROSS, INC.
2107 Liberty Drive
P.O. Box 290 LPO
Niagara Falls, NY 14304
(716) 283-6464
Major Market: Miscellaneous
Computer Supplies
Product Lines: Computer room air
conditioner
Net Sales: \$5 Million - \$25 Million
(1982)
Contacts:
Head of Marketing/Sales: Graham
Whitmore
Head of Engineering: Walter Mecozzi
Geographic Coverage: International
Year Established: 1974
Number of Employees: 75

INKED SPECIALTIES CO., INC.
285 N. 6th Street
Brooklyn, NY 11211
(212) 782-1005
Major Market: Miscellaneous
Computer Supplies
Product Lines: Ribbons
Net Sales: \$1 Million - \$5 Million
(1982)
Geographic Coverage: International
Year Established: 1964
Number of Employees: 24

**JE CHAPLIN ASSOCIATES,
LTD.**
Suite 867
11 Broadway
New York, NY 10004

(212) 483-9685
Major Market: Software House;
Dealer/Distributor;
Maintenance/Other Services;
Miscellaneous Computer Supplies
Target Industries: Banking;
Brokerage
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; magnetic media
Net Sales: \$500,000 - \$1 Million
(1981)
Geographic Coverage: New Jersey;
New York, Connecticut
Year Established: 1980
Number of Employees: 42

**MAGNETIC TECHNOLOGIES,
INC.**
1 Fulton Ave.
Hempstead, NY 11550
(212) 486-7700
Major Market: Dealer/Distributor;
Miscellaneous Computer Supplies
Target Industries: Banking
Product Lines: Forms; Ribbons;
Disk Packs; Diskettes; Tapes;
Furniture; Flooring
Net Sales: \$500,000 - \$1 Million
(1982)
Contacts:
Head of Marketing/Sales: Timothy
Johnson
Head of Software/Customer Service:
Beatrice Heller
Head of Engineering: Steve Schafer
Geographic Coverage: National
Year Established: 1978
Number of Employees: 12

MAXTON LOCK CO., INC.
401 E. 74th St.
New York, NY 10021
(212) 628-4222
Major Market: Miscellaneous
Computer Supplies; Locks
Target Industries: Commercial
Office Products
Product Lines: Computer locks
Net Sales: \$100,000 - \$500,000
(1982)
Geographic Coverage: National
Year Established: 1970
Number of Employees: 6

MEAD-HATCHER, INC.
752 Military Road
Buffalo, NY 14216
(716) 877-1185
Major Market: Office Equipment
Manufacturing; Miscellaneous
Computer Supplies
Product Lines: Forms transport;
Filing equipment
Contacts:
Head of Marketing: William Crawford
Head of Sales: Robert Mead
Geographic Coverage: International
Year Established: 1951

NORTEC INDUSTRIES, INC.
P.O. Box 698
Ogdensburg, NY 13669
(315) 425-1255
Major Market: Component
Manufacturing; Miscellaneous
Computer Supplies
Product Lines: Humidity regulators
Contacts:
Head of Marketing/Sales: Gary Berlin
Geographic Coverage: National
Year Established: 1974

OFFICE COMMUNICATIONS
33 N. Madison Ave.

Suppliers

(914) 356-4631

Major Market: Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Acoustic Covers
Geographic Coverage:

OPTIMUM TESTED PRODUCTS, INC.

30 Jeffery Blvd. W.
Deer Park, NY 11729
(516) 586-8300
Major Market: Miscellaneous Computer Supplies
Target Industries: OEM; Dealers; Distributors
Product Lines: Ribbons
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
Head of Marketing: Frank Gemellaro
Head of Engineering: Robert A. Mazzella
Head of Customer Service: Paula Kufnych
Geographic Coverage: International
Year Established: 1974
Number of Employees: 115

OW TARGET PRODUCTS

32 Cherry Lane
Floral Park, NY 11001
(212) 343-0838
Major Market: Miscellaneous Computer Supplies
Target Industries: Dealers; Resellers
Product Lines: Forms Tractors; Sheet Feeders
Geographic Coverage: National
Year Established: 1982
Number of Employees: 3

PERFECT IMAGE MATERIALS CO.

60 Engineers Drive
Hicksville, NY 11801
(516) 681-2800
Major Market: Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs; Diskettes
Geographic Coverage: Regional
Year Established: 1974
Number of Employees: 5

PREFERRED COMPUTER TRADING CORP.

P.O. Box 877
Forest Hills, NY 11375
(212) 261-6300
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Banking/Financial; Airlines
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes; Ink Rollers; Thermal Paper
Contacts:
Head of Sales: Susan Skolnik
Head of Customer Service: Walter James
Geographic Coverage: National
Year Established: 1981
Number of Employees:

PROGRAMS UNLIMITED

125 S. Service Road
Jericho, NY 11753
(516) 997-8668
Major Market: Systems House OEM; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies

Target Industries: Business
Target Applications: Business; POS
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Flooring
Contacts:
Head of Marketing: Dennis Wilcox
Geographic Coverage: National
Year Established: 1980
Number of Employees: 25

SCOTT-HEALEY ASSOCIATES, INC.

Executive Park Tower
Albany, NY 12203
(518) 458-1512
Major Market: OEM Peripherals/Terminals; Software House; OEM Systems House; Data Services (Service Bureau); Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Manufacturing; Equipment Dealers
Target Applications: Industrial Control
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes
Net Sales: \$100,000 - \$500,000 (1981)
Contacts:
Head of Marketing: Chris Andrews
Head of Sales/Software: Joel Scott
Geographic Coverage: Regional
Year Established: 1977
Number of Employees: 10

SOUNDCACT CO., INC.

1 Burt Drive
Deer Park, NY 11729
(516) 242-2200
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies
Product Lines: Noise control; materials
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
Head of Marketing: Carl Wolaver
Geographic Coverage: International
Year Established: 1963
Number of Employees: 100

SPECTRUM M.I.R., LTD.

213 Beach 88th St.
Rockaway Beach, NY 11693
(212) 634-0500
Major Market: Miscellaneous Computer Supplies
Target Industries: Banking
Product Lines: Mag ink remover
Contacts:
Head of Sales: Frank Brunner
Year Established: 1967
Number of Employees: 5

SUPREME EQUIPMENT AND SYSTEMS CORP.

170 53rd St.
Brooklyn, NY 11232
(212) 492-7777
Major Market: Miscellaneous Computer Supplies
Product Lines: Storage equipment
Net Sales: \$25 Million - \$100 Million (1982)
Contacts:
Head of Marketing: Sharon Krutzel
Geographic Coverage: International
Year Established: 1955
Number of Employees: 600

SYSTEMS MANUFACTURING CORP.

13 Broad St.

Binghamton, NY 13904

(607) 723-6344
Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture; DP accessories
Contacts:
Head of Marketing: Carl Backus
Head of Sales: Richard Burchill
Geographic Coverage: National
Year Established: 1945
Number of Employees: 115

TAPESWITCH CORP. OF AMERICA

100 Schmitt Blvd.
Farmingdale, NY 11735
(516) 694-6312
Major Market: Miscellaneous Computer Supplies
Target Industries: Safety; Security
Product Lines: Ribbons; ribbon switches; safety mats
Contacts:
Head of Sales: Richard Kessler
Geographic Coverage: International
Year Established: 1956
Number of Employees: 100

TAYLOR-MERCHANT CORP.

212 W. 35th St.
New York, NY 10001
(800) 223-6694
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes; Furniture; Cables; Magmedia
Net Sales: \$1 Million - \$5 Million (1982)
Contacts:
Head of Marketing: Lawrence T. Turner
Geographic Coverage: National
Year Established: 1951
Number of Employees: 27

TEALTRONIC OF AMERICA, INC.

254 W. 31st St.
New York, NY 10001
(212) 597-1160
Major Market: Software House; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Banking; Wholesale
Target Applications: General Ledger; Commercial Loan; Mortgage Accounting; Business
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Furniture
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
Head of Sales: Jack Roth Jr.
Head of Engineering: James Harris
Head of Customer Service: Mr. Denis Donahue
Geographic Coverage: New York, New Jersey, Connecticut
Year Established: 1968
Number of Employees: 130

THE COMPUTER ACCESSORIES CO.

20 Boat Lane
Port Washington, NY 11050
(516) 787-0366
Major Market: Miscellaneous Computer Supplies
Target Applications: Protection of computer terminals
Product Lines: Terminal covers;

protective covers
Net Sales: \$100,000 - \$500,000 (1982)

Contacts:
Head of Marketing: Gloria C. Carlin
Geographic Coverage: National
Year Established: 1979
Number of Employees: 10

TDK ELECTRONICS CORP.

12 Harbor Park Drive
Port Washington, NY 11050
(516) 625-0100
Major Market: Miscellaneous Computer Supplies
Product Lines: Tapes
Contacts:
Head of Marketing: Frank Kramer
Head of Sales: Ed Passara
Geographic Coverage: International
Year Established: 1931
Number of Employees: 150

UNITED BUSINESS EQUIPMENT CORP.

97 Stone St.
Buffalo, NY 14212
(716) 893-2722
Major Market: Miscellaneous Computer Supplies
Target Industries: Banking; DP; OA
Product Lines: Furniture; Multi media cabinetry
Net Sales: \$1 Million - \$5 Million (1982)
Geographic Coverage: International
Year Established: 1962
Number of Employees: 30

UNITED BUSINESS FORMS CO.

17 Battery
New York, NY 10004
(212) 558-6761
Major Market: Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Banking; Financial
Product Lines: Forms; Disk Packs; Diskettes; Tapes; Bursters; Collators
Net Sales: \$500,000 - \$1 Million (1982)
Contacts:
Head of Marketing: David Drummond
Geographic Coverage: International
Year Established: 1980
Number of Employees: 8

UNIVERSAL MICROFILM CORP.

150 Fifth Ave.
New York, NY 10011
(212) 741-1525
Major Market: Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Banking; Insurance; Medical; General Business
Product Lines: Microfilm
Contacts:
Head of Marketing/Sales: Robert J. Seery
Head of Customer Service: James Abrams
Geographic Coverage: New York, New Jersey, Connecticut
Year Established: 1971
Number of Employees: 50

VENTURA CORP.

415 Bayview Ave.
Amityville, NY 11701
(516) 842-1000

Suppliers

Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes
Geographic Coverage: National
Year Established: 1977
Number of Employees: 5

XEROX CORP.
 Business Systems Group
 Xerox Square
 Rochester, NY 14644
 (716) 423-4205
Major Market: Terminal, Peripheral and Office Equipment Manufacturing; Miscellaneous Computer Supplies
Target Applications: Reprographics
Product Lines: Forms; Ribbons; Paper
Geographic Coverage: National

NORTH CAROLINA

DURA-LINE
 Rt. 2, Box 39A
 Flat Rock, NC 28731
 (704) 692-3612
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Banking; Insurance; Corporations
Product Lines: Ribbons
Net Sales: \$500,000 - \$1 Million (1982)
Contacts:
 Head of Sales: Inez Hoots
Geographic Coverage: Regional
Year Established: 1972
Number of Employees: 22

MAC PAMEL CO.
 216 Pine St.
 High Point, NC 27262
 (919) 882-8138
Major Market: Component Manufacturing; Miscellaneous Computer Supplies
Product Lines: Tapes; Tape racks
Net Sales: \$1 Million - \$5 Million (1981)
Geographic Coverage: International
Year Established: 1953
Number of Employees: 45

SIECOR CORP.
 Data Communications Group
 489 Seicor Park
 Hickory, NC 286030489
 (704) 324-3901
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies
Product Lines: Fiber optics; Copper cables
Contacts:
 Head of Marketing/Sales: W. B. Bielawski
Geographic Coverage: International
Year Established: 1977
Number of Employees: 1,200

OHIO

COMPUTER RESOURCES, INC.
 4520 W. 160th St.
 Cleveland, OH 44135
 (216) 362-1020
Major Market: Miscellaneous Computer Supplies

Product Lines: Disk Packs; Diskettes
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Marketing: John E. McRedmond
 Head of Sales: Bruno Delvecchio
 Head of Engineering: H. Emmerich
Geographic Coverage: National
Year Established: 1967
Number of Employees: 100

DAK SUPPLY CORP.
 2155 Drake Road
 Cleveland, OH 44136
 (216) 238-0102
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Furniture
Geographic Coverage: Regional
Year Established: 1963
Number of Employees: 40

F.F. FURNITURE SYSTEMS, INC.
 East Dennick Ave.
 Youngstown, OH 44501
 (216) 746-7271
Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture
Net Sales: More than \$100 Million (1982)
Contacts:
 Head of Marketing/Sales: Richard Strong
Geographic Coverage: International
Year Established: 1902
Number of Employees: 800

FLOATING FLOORS, INC.
 795 Berdan Ave.
 P.O. Box 6627
 Toledo, OH 43612
 (419) 476-8772
Major Market: Miscellaneous Computer Supplies
Product Lines: Flooring
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Sales: Wayne Crooks
 Head of Engineering: Tom Lutz
Geographic Coverage: International
Year Established: 1955
Number of Employees: 35

GRAPHIC LAMINATING, INC.
 Datacode
 5122 St. Clair Ave.
 Cleveland, OH 44103
 (216) 881-2100
Major Market: Miscellaneous Computer Supplies
Target Industries: Manufacturing
Product Lines: Data collection cards
Contacts:
 Head of Marketing/Sales: Roger Turvey
 Head of Engineering: Ken Starak
 Head of Customer Service: Debbie Ferillo
Geographic Coverage: International
Year Established: 1970
Number of Employees: 50

HAMILTON SORTER CO.
 3158 Production Drive
 Fairfield, OH 45014
 (513) 874-9496
Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture

Geographic Coverage: International
Year Established: 1966
Number of Employees: 80

KARDEX SYSTEMS, INC.
 P.O. Box 171
 Marietta, OH 45750
 (614) 374-9300
Major Market: Miscellaneous Computer Supplies
Target Industries: Retail; Warehousing; Wholesalers
Target Applications: Fire protection
Product Lines: Insulated files
Net Sales: \$25 Million - \$100 Million (1981)
Contacts:
 Head of Marketing: Arthur H. Jones
Geographic Coverage: International
Year Established: 1978
Number of Employees: 700

LUDLOW COMPOSITES
 2100 Commerce Drive
 Fremont, OH 43420
 (419) 332-5531
Major Market: Miscellaneous Computer Supplies
Product Lines: Flooring; Anti-static mats
Net Sales: More than \$100 Million (1982)
Contacts:
 Head of Marketing: R. G. Monckton
 Head of Sales: T. W. Whitaker
 Head of Engineering: D. C. Johnson
 Head of Customer Service: T. E. Schmidt
Geographic Coverage: International
Year Established: 1868
Number of Employees: 3,300

MEDIA GRAPHICS, INC.
 7520 Clover Ave.
 Building 7
 Mentor, OH 44060
 (216) 942-5666
Major Market: Systems House OEM; Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Forms
Contacts:
 Head of Customer Service: Tamara Orosz
Geographic Coverage: Regional
Year Established: 1978
Number of Employees: 10

MELINK SAFE CO.
 6245 Industrial Parkway
 P.O. Box 2458
 Whitehouse, OH 43571
 (419) 877-5352
Major Market: Office Equipment Manufacturing; Miscellaneous Computer Supplies
Product Lines: Data Sales
Net Sales: \$5 Million - \$25 Million (1982)
Contacts:
 Head of Sales: Thomas Leach
 Head of Engineering: Ralph McClellan
 Head of Customer Service: Barbara Arnold
Geographic Coverage: National
Year Established: 1899
Number of Employees: 150

NCR CORP.
 Systemedia Group
 9095 Washington Church Road
 Miamisburg, OH 45342
 (513) 445-5000
Major Market: Miscellaneous

Computer Supplies; Business forms and supplies
Target Industries: Computer Users; Banking; General Business
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes
Number of Employees: 2,300

PAN AMERICAN BUSINESS SYSTEMS, INC.
 10600 Chester Road
 Cincinnati, OH 45215
 (513) 772-6300
Major Market: Miscellaneous Computer Supplies
Product Lines: Ribbons; Cartridges
Contacts:
 Head of Marketing: Lowell Cook
Geographic Coverage: International
Year Established: 1960
Number of Employees: 100

REYNOLDS & REYNOLDS CO.
 800 Germantown St.
 P.O. Box 1005
 Dayton, OH 45401
 (513) 443-2000
Major Market: Computer Manufacturing; Software House; Systems House OEM; Miscellaneous Computer Supplies
Target Industries: Automobile; Medical; Contractor; Truck Dealerships
Target Applications: Accounting; Dealerships
Product Lines: Forms
Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Engineering: Harry Nicholson
Geographic Coverage: National
Year Established: 1866
Number of Employees: 2,500

SOUNDFOLO INTERNATIONAL, INC.
 3704 Wilmington Pike
 P.O. Box 2125
 Dayton, OH 45429
 (513) 228-3773
Major Market: Office Equipment Manufacturing; Miscellaneous Computer Supplies; Acoustical Wallcovering
Target Industries: Computer Centers; Banking; Medical; Offices
Product Lines: Acoustic Panels
Net Sales: \$100,000 - \$500,000 (1982)
Contacts:
 Head of Marketing: Tom Miltner
 Head of Sales/Engineering: Tony Sickels
 Head of Customer Service: Julie Huntington
Geographic Coverage: International
Year Established: 1963
Number of Employees: 10

STANDARD REGISTER CO.
 P.O. Box 1167
 Dayton, OH 45401
 (513) 223-6181
Major Market: OEM Computer Systems; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Medical; Industrial
Target Applications: Healthcare; Industrial
Product Lines: Forms; Form handling equipment

Suppliers

Net Sales: More than \$100 Million (1981)
Contacts:
 Head of Marketing: Robert Plunkett
Geographic Coverage: International
Year Established: 1912
Number of Employees: 4,370

SCM ALLIED PAPER, INC.
 Business Forms Division
 P.O. Box 125 W.C. Branch
 Dayton, OH 45449
 (513) 866-7421
Major Market: Miscellaneous Computer Supplies
Product Lines: Forms; Paper
Net Sales: More than \$100 Million (1982)
Contacts:
 Head of Marketing: H. R. Freeland
Geographic Coverage: National
Year Established: 1893
Number of Employees: 1,000

VIARDEX SYSTEMS, INC.
 Victor Systems and Equipment
 Rt. 7 Reno
 P.O. Box 171
 Marietta, OH 45750
 (614) 374-9300
Major Market: Miscellaneous Computer Supplies
Product Lines: Tapes; Furniture; Filing Systems, Cabinets; Record Control
Net Sales: \$25 Million - \$100 Million (1981)
Geographic Coverage: International
Year Established: 1978
Number of Employees: 500

OKLAHOMA

CENTRAL STATE BUSINESS FORMS, INC.
 P.O. Box 9
 Dewey, OK 74029
 (918) 534-1280
Major Market: Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs
Contacts:
 Head of Sales: Connie Maness
Geographic Coverage: National
Year Established: 1968
Number of Employees: 300

INTERNATIONAL TURN-KEY SYSTEMS
 Suite 101
 1302 Sovereign Row
 Oklahoma City, OK 73108
 (405) 946-3367
Major Market: OEM Computer Systems; Software House; Data Services (Service Bureau); Miscellaneous Computer Supplies
Target Industries: Oil-Gas; Mining; Horse Ranching
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$1 Million - \$5 Million (1981)
Geographic Coverage: National
Year Established: 1977
Number of Employees: 18

MAGNETIC MEDIA, INC.
 10126 E. 55th Place
 Tulsa, OK 74145

(918) 664-2255
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Tapes; Magnetic computer cartridges
Geographic Coverage: National
Year Established: 1975
Number of Employees: 35

OREGON

TRANSPORTATION DATA EXCHANGE (TDE)
 1732 N. W. Quinby
 P.O. Box 10391
 Portland, OR 97210
 (503) 220-2600
Major Market: Software House; Systems House OEM; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Motor freight; Transportation
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
 Head of Marketing/Sales: Fred McDonnell
 Head of Software/Customer Service: Sid Gregory
Geographic Coverage: National
Year Established: 1980
Number of Employees: 45

PENNSYLVANIA

AF SYSTEMS, INC.
 5422 Lena St.
 Philadelphia, PA 19144
 (215) 925-6969
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Furniture
Net Sales: \$500,000 - \$1 Million (1981)
Contacts:
 Head of Marketing/Sales: Vincent Frith
Geographic Coverage: National
Year Established: 1979
Number of Employees: 30

COMPUTER SUPPORT SERVICES, INC.
 38 N. 2nd St.
 P.O. Box 500
 Lewisburg, PA 17837
 (717) 524-4424
Major Market: Software House; Systems House OEM; Data Services (Service Bureau); Miscellaneous Computer Supplies
Target Industries: Manufacturing; Banking; Trucking; Construction
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$500,000 - \$1 Million (1982)
Contacts:
 Head of Marketing/Sales: Delmar Ritter
Geographic Coverage: Regional

Year Established: 1973
Number of Employees: 11

GENERAL BUSINESS SYSTEMS
 475 Adams Ave.
 Philadelphia, PA 19120
 (215) 722-8200
Major Market: Miscellaneous Computer Supplies
Target Industries: Insurance; Banking; Industry
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Form Handling Equipment
Net Sales: \$500,000 - \$1 Million (1982)
Geographic Coverage: Regional
Year Established: 1958
Number of Employees: 5

HUNT MANUFACTURING CO.
 Lit-Ning Products
 1405 Locust St.
 Philadelphia, PA 19102
 (215) 732-7700
Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture; Acoustic Covers
Geographic Coverage: National

INOTEC SYSTEMS, INC.
 P.O. Box 330
 Oakmont, PA 15139
 (412) 828-9270
Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture
Contacts:
 Head of Customer Service: John Sabatin
Geographic Coverage: National
Year Established: 1981
Number of Employees: 300

JG FURNITURE SYSTEMS
 121 Park Ave.
 Quakertown, PA 18951
 (215) 536-3353
Major Market: Miscellaneous Computer Supplies
Target Industries: Business
Product Lines: Furniture
Contacts:
 Head of Marketing/Sales: Harvey Waxman
Geographic Coverage: International
Year Established: 1930

LITTON BUSINESS SYSTEMS, INC.
 Cole Business Furniture
 640 Whiteford Road
 P.O. Box M26
 York, PA 17405
 (717) 854-1545
Major Market: Miscellaneous Computer Supplies
Target Industries: Dealers
Product Lines: Forms; Furniture; Cards
Contacts:
 Head of Marketing: Gary H. Beals
 Head of Sales: Peter A. Beier
 Head of Engineering: William Winemiller
 Head of Customer Service: Thomas Keesey
Geographic Coverage: National
Year Established: 1925
Number of Employees: 1,000

PAPER MANUFACTURERS CO.
 Paper Products
 9800 Bustleton Ave.

Philadelphia, PA 19115
 (215) 673-4500
Major Market: Miscellaneous Computer Supplies
Target Industries: Banking; Retail
Product Lines: Forms; paper products
Geographic Coverage: National
Year Established: 1906
Number of Employees: 150

REDSHAW, INC.
 103 Yost Blvd.
 Pittsburgh, PA 15221
 (412) 829-2100
Major Market: Software House; Systems House OEM; Miscellaneous Computer Supplies
Target Industries: Insurance
Target Applications: Policy Filing
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Furniture; Dust covers; CRT turntables
Net Sales: \$5 Million - \$25 Million (1981)
Contacts:
 Head of Marketing: J. C. Thompson
 Head of Sales: F. Grebowski
 Head of Software: D. L. Ross
 Head of Customer Service: J. D. Weibly
Geographic Coverage: International
Year Established: 1975
Number of Employees: 90

ROYAL PIONEER INDUSTRIES, INC.
 Castor & Armingo Ave.
 Philadelphia, PA 19134
 (215) 289-8050
Major Market: Miscellaneous Computer Supplies
Product Lines: Microfilm Packaging
Geographic Coverage: National
Year Established: 1980
Number of Employees: 400

TECHNOLOGY PRODUCTS, INC.
 1060 Rt. 309
 Montgomeryville, PA 18936
 (215) 646-5515
Major Market: Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: OEM; Manufacturing
Target Applications: Computer security; Electric office security equipment
Product Lines: terminal locks
Geographic Coverage: National
Year Established: 1980
Number of Employees: 10

WORD SYSTEMS, INC.
 Suite 516
 One Bala Plaza
 Bala Cynwyd, PA 19004
 (215) 667-9680
Major Market: Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Legal; Banking; Insurance; Manufacturing
Product Lines: Ribbons; Diskettes
Contacts:
 Head of Sales: Harold Hollander
Year Established: 1976
Number of Employees: 30

YBI OFFICE FURNITURE SYSTEMS, INC.
 520 Front St.
 Lititz, PA 17543

Suppliers

(717) 625-3200

Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture; Acoustic Covers
Contacts:
Head of Marketing: Mike Weaver
Geographic Coverage: National
Year Established: 1982
Number of Employees: 200

RHODE ISLAND

PROCESS AUTOMATION CORP.

1018 Waterman Ave.
P.O. Box 4156
E. Providence, RI 02914
(401) 434-2762
Major Markets: OEM Computer Systems and Peripherals/Terminals; Software House; Systems House OEM; Data Services (Service Bureau); Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Manufacturing; Retail
Target Applications: Communications; Custom Software; Accounting
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes
Net Sales: \$100,000 - \$500,000 (1981)
Geographic Coverage: Regional
Year Established: 1970
Number of Employees: 168

SOUTH CAROLINA

TMA INTERNATIONAL

Software Brokerage/Services
314 E. Bridge St.
P.O. Box 123
St. Matthews, SC 29135
(803) 655-5475
Major Market: OEM Computer Systems and Peripherals/Terminals; Software House; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Wholesale; Manufacturing; General Business; Retail
Target Applications: Order Entry; Inventory Control; General Accounting; Payroll
Product Lines: Diskettes
Geographic Coverage: International
Year Established: 1981
Number of Employees: 2

SOUTH DAKOTA

SYNCOM

Schwans Sales Enterprises, Inc.
P.O. Box 130
Mitchell, SD 57301
(605) 996-8200
Major Market: Miscellaneous Computer Supplies
Product Lines: Disk Packs;

Diskettes; Tapes; Data cartridges; Magnetic cards
Contacts:
Head of Sales: Rick Van Hoover
Geographic Coverage: International
Year Established: 1980
Number of Employees: 200

TENNESSEE

PELIKAN, INC.

200 Beasley Drive
Franklin, TN 37064
(615) 790-6171
Major Market: Miscellaneous Computer Supplies
Target Industries: WP; Printing; DP
Product Lines: Ribbons
Contacts:
Head of Marketing: Chandler Kanal
Head of Sales: Kevin Adrian
Geographic Coverage: National
Year Established: 1978
Number of Employees: 400

TEXAS

COMPUTER ROOM EQUIPMENT, INC.

Suite I
4530 W. 34th St.
Houston, TX 77092
(713) 688-6159
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: DP
Product Lines: Flopping; air condition
Net Sales: \$500,000 - \$1 Million (1982)
Geographic Coverage: Texas
Year Established: 1981
Number of Employees: 5

COMPUTER ROOMERS, INC.

9219 Viscount Row
Dallas, TX 75247
(214) 630-0280
Major Market: Miscellaneous Computer Supplies
Product Lines: Furniture
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
Head of Marketing: Mary Ann Mitcham
Geographic Coverage: National
Year Established: 1975
Number of Employees: 60

COMPUTERIZED BUSINESS SYSTEMS, INC.

2108 W. Freeway
Fort Worth, TX 76102
(817) 332-1610
Major Market: Systems House OEM; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Target Industries: Small Business
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes
Net Sales: \$1 Million - \$5 Million (1981)
Contacts:
Head of Software: Mark Peden
Geographic Coverage: Regional
Year Established: 1978

Number of Employees: 24

DAISYTEK

1251 Columbia
Richardson, TX 75081
(214) 783-8712
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Dealers
Product Lines: Ribbons; Diskettes; WP supplies
Contacts:
Head of Marketing: Dick Jackson
Geographic Coverage: National
Year Established: 1977
Number of Employees: 60

DATABARC

1251 Columbia
Richardson, TX 75081
(214) 783-1691
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Product Lines: Envelope feeder; Forms tractor
Contacts:
Head of Sales: Frank Humphries
Geographic Coverage: National
Year Established: 1979
Number of Employees: 60

ENNIS BUSINESS FORMS, INC.

107 N. Sherman St.
Ennis, TX 75119
(214) 875-3811
Major Market: Miscellaneous Computer Supplies
Product Lines: Forms
Net Sales: \$25 Million - \$100 Million (1982)
Geographic Coverage: National
Year Established: 1909
Number of Employees: 1,800

GRAHAM MAGNETICS, INC.

6625 Industrial Park Blvd.
N. Richland Hills, TX 76118
(817) 281-9450
Major Market: Miscellaneous Computer Supplies
Target Industries: Banking; Communications
Target Applications: DP
Product Lines: Tapes; Cleaning Kits
Net Sales: \$25 Million - \$100 Million (1982)
Contacts:
Head of Marketing: Herb Schantz
Head of Sales: Art Field
Geographic Coverage: International
Year Established: 1965
Number of Employees: 750

HEXCO, INC.

Hexco Building, Highway 39 S.
Hunt, TX 78024
(512) 238-4404
Major Market: Miscellaneous Computer Supplies
Target Industries: IBM Users
Product Lines: Debugging Rules
Contacts:
Head of Marketing: Linda Tarrant
Geographic Coverage: National
Year Established: 1967
Number of Employees: 8

MEDIA RECOVERY, INC.

1435 Round Table Road
Dallas, TX 75247
(214) 630-9625
Major Market: Peripheral Manufacturing; Dealer/Distributor; Maintenance/Other Services;

Miscellaneous Computer Supplies
Target Industries: Manufacturing
Product Lines: Ribbons; Disk Packs; Tapes
Contacts:
Head of Marketing: J. Ricciardi Jr.
Head of Sales: D. MacElroy
Geographic Coverage: International
Year Established: 1971
Number of Employees: 70

MIDWEST MAGNETICS

Suite 1433
13773 N. Central Expressway
Dallas, TX 75243
(214) 235-9551
Major Market: Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs; Diskettes; Tapes
Geographic Coverage: National
Year Established: 1979
Number of Employees: 10

MOORE PAPER CO.

100 Hogan St.
Houston, TX 77009
(713) 228-9191
Major Market: Dealer/Distributor; Miscellaneous Computer Supplies
Target Industries: Gas; Manufacturing
Product Lines: Forms; Disk Packs; Diskettes; Tapes
Contacts:
Head of Sales: Jim Atherton
Geographic Coverage: Texas
Year Established: 1935
Number of Employees: 320

PERMA PRODUCTS CO.

P. O. Box 24728
Dallas, TX 75224
(214) 238-4225
Major Market: Miscellaneous Computer Supplies
Product Lines: Storage Containers
Geographic Coverage: International
Year Established: 1954
Number of Employees: 120

ROYAL SEATING CORP.

1110 Industrial Blvd.
P.O. Box 753
Cameron, TX 76520
(817) 697-6421
Major Market: Office Equipment Manufacturing; Miscellaneous Computer Supplies
Product Lines: Furniture
Net Sales: \$5 Million - \$25 Million (1981)
Contacts:
Head of Sales: Lorraine Moore
Geographic Coverage: National
Year Established: 1969
Number of Employees: 150

TEL-TEX, INC.

2825 W. 11th
Houston, TX 77008
(713) 868-6000
Major Market: Communications Equipment Manufacturing; OEM Peripherals/Terminals; Dealer/Distributor; Maintenance/Other Services; Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons; Disk Packs; Diskettes; Tapes; Furniture
Net Sales: \$5 Million - \$25 Million (1981)
Contacts:
Head of Marketing: Thomas Folger

Suppliers

Head of Engineering: John Foley
Geographic Coverage: Regional
Year Established: 1969
Number of Employees: 75

TRANSCONTINENTAL DISTRIBUTORS

Suite 118
 313 Dakota St.
 San Antonio, TX 78203
 (512) 224-0817
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Ribbons; Disk Packs;
 Diskettes; Tapes; Furniture
Net Sales: \$1 Million - \$5 Million
 (1981)
Contacts:
 Head of Marketing: Horace Ortega
Geographic Coverage: Texas
Year Established: 1980
Number of Employees: 7

UNIVERSITY COMPUTING CO.

UCC Tower
 Exchange Park
 Dallas, TX 75235
 (214) 353-7100
Major Market: OEM Computer
 Systems and Peripherals/Terminals;
 Software House; Data Services;
 (Service Bureau); Dealer/Distributor;
 Miscellaneous Computer Supplies
Target Industries: Cross Industry
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes
Net Sales: More than \$100 Million
 (1981)
Contacts:
 Head of Marketing: J. Allen Hufft
 Head of Sales: Alan Hufft
 Head of Software: Wally Yost
 Head of Engineering: Hugo Birrer
 Head of Customer Service: Roger
 Pierpoint
Geographic Coverage: International
Year Established: 1963
Number of Employees: 1,750

WALLACE COMPUTER SERVICE

Omario
 1801 W. Masonic Drive
 P.O. Box 701
 Brenham, TX 77833
 (409) 836-4451
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Ribbons
Geographic Coverage: National
Year Established: 1972

UTAH

ASSOCIATED BUSINESS PRODUCTS

193 West 2100 S.
 Salt Lake City, UT 84115
 (801) 496-9236
Major Market: Software House;
 Dealer/Distributor; Miscellaneous
 Computer Supplies
Product Lines: Ribbons; Diskettes
Geographic Coverage: Utah,
 Wyoming, Idaho
Year Established: 1975
Number of Employees: 68

TBM (TYPE-A-LINE BUSINESS MACHINES), INC.

168 E. Second S.

Salt Lake City, UT 84111
 (801) 521-5310
Major Market: OEM Computer
 Manufacturing; Software House;
 Dealer/Distributor; Miscellaneous
 Computer Supplies
Target Industries: Auto Parts;
 Manufacturing; Legal; Medical
Target Applications: Accounting
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture
Net Sales: \$1 Million - \$5 Million
 (1981)
Contacts:
 Head of Sales: Greg O. Bowen
Geographic Coverage: Regional
Year Established: 1962
Number of Employees: 20

VIRGINIA

ACCOUNTING SUPPLIES AND SYSTEMS, INC.

P.O. Box 21
 Falls Church, VA 22046
 (703) 379-9849
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture; Flooring
Contacts:
 Head of Marketing/Sales: Nancy
 Malmros
 Head of Engineering: H. G. Anderson
Geographic Coverage: National
Year Established: 1956
Number of Employees: 100

DATASIRP CORP.

1575 Avon St. Extension
 Charlottesville, VA 22901
 (804) 296-5608
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Index Products
Geographic Coverage: International
Year Established: 1965
Number of Employees: 35

FARADAY NATIONAL CORP.

13854 Park Center Road
 Herndon, VA 22071
 (703) 435-0100
Major Market: Software House;
 Miscellaneous Computer Supplies
Target Industries: Banking
Product Lines: Credit cards
Net Sales: \$1 Million - \$5 Million
 (1982)
Contacts:
 Head of Marketing: Ann Carter
Geographic Coverage: National
Year Established: 1966
Number of Employees: 85

WISCONSIN

MEDIA MANAGEMENT & MAGNETICS, INC.

3725A N. 126th St.
 Brookfield, WI 53005
 (414) 783-5423
Major Market: Dealer/Distributor;
 Miscellaneous Computer Supplies
Product Lines: Forms; Ribbons;

Disk Packs; Diskettes; Tapes;
 Furniture
Contacts:
 Head of Marketing: Carrie Gingras
Geographic Coverage: National
Year Established: 1977
Number of Employees: 10

R-WAY

740 S. Commerce St.
 Sheboygan, WI 53081
 (414) 457-4833
Major Market: Miscellaneous
 Computer Supplies
Target Industries: Computer; Office;
 Resort; Dormitory
Product Lines: Furniture
Net Sales: \$5 Million - \$25 Million
 (1982)
Contacts:
 Head of Marketing: Don Schackmuth
 Head of Sales: Don Schackmuth
Geographic Coverage: National
Year Established: 1981
Number of Employees: 300

SHADE INFORMATION SYSTEMS, INC.

P.O. Box 730
 Green Bay, WI 54305
 (414) 498-8300
Major Market: Miscellaneous
 Computer Supplies
Target Industries: Fortune 500
Product Lines: Forms
Geographic Coverage: National
Year Established: 1965
Number of Employees: 300

SPACESAVER CORP.

1450 Janesville Ave.
 Fort Atkinson, WI 53538
 (414) 563-6362
Major Market: Miscellaneous
 Computer Supplies
Target Industries: Insurance;
 Finance; Medical; Manufacturing
Target Applications: Vault tape
 storage; Printout storage
Product Lines: High density; Mobile
 storage
Contacts:
 Head of Sales: Peter J. Boswell
 Head of Engineering: John A. Sattel
 Head of Customer Service: Richard
 Chayka
Geographic Coverage: International
Year Established: 1970
Number of Employees: 75

SYCOM

Data-Plan
 3817 W. Beltline Highway
 P.O. Box 7947
 Madison, WI 53707
 (608) 271-1133
Major Market: OEM Computer
 Systems and Peripherals/Terminals;
 Systems House OEM; Data Services
 (Service Bureau); Miscellaneous
 Computer Supplies
Target Industries: Medical; Dental;
 Optometric
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture
Net Sales: \$5 Million - \$25 Million
 (1981)
Contacts:
 Head of Marketing/Sales: Denis
 Greczyk
 Head of Software: William Arthur
 Head of Engineering: Lawrence
 Dewey
 Head of Customer Service: Bill

Thompson
Geographic Coverage: International
Year Established: 1964
Number of Employees: 160

YANIER GRAPHICS CORP.

12600 Robin Lane
 P.O. Box 344
 Brookfield, WI 53005
 (414) 781-7300
Major Market: Miscellaneous
 Computer Supplies
Product Lines: Forms
Net Sales: \$1 Million - \$5 Million
 (1982)
Contacts:
 Head of Sales: Steve Otto
Geographic Coverage: National
Year Established: 1947
Number of Employees: 65

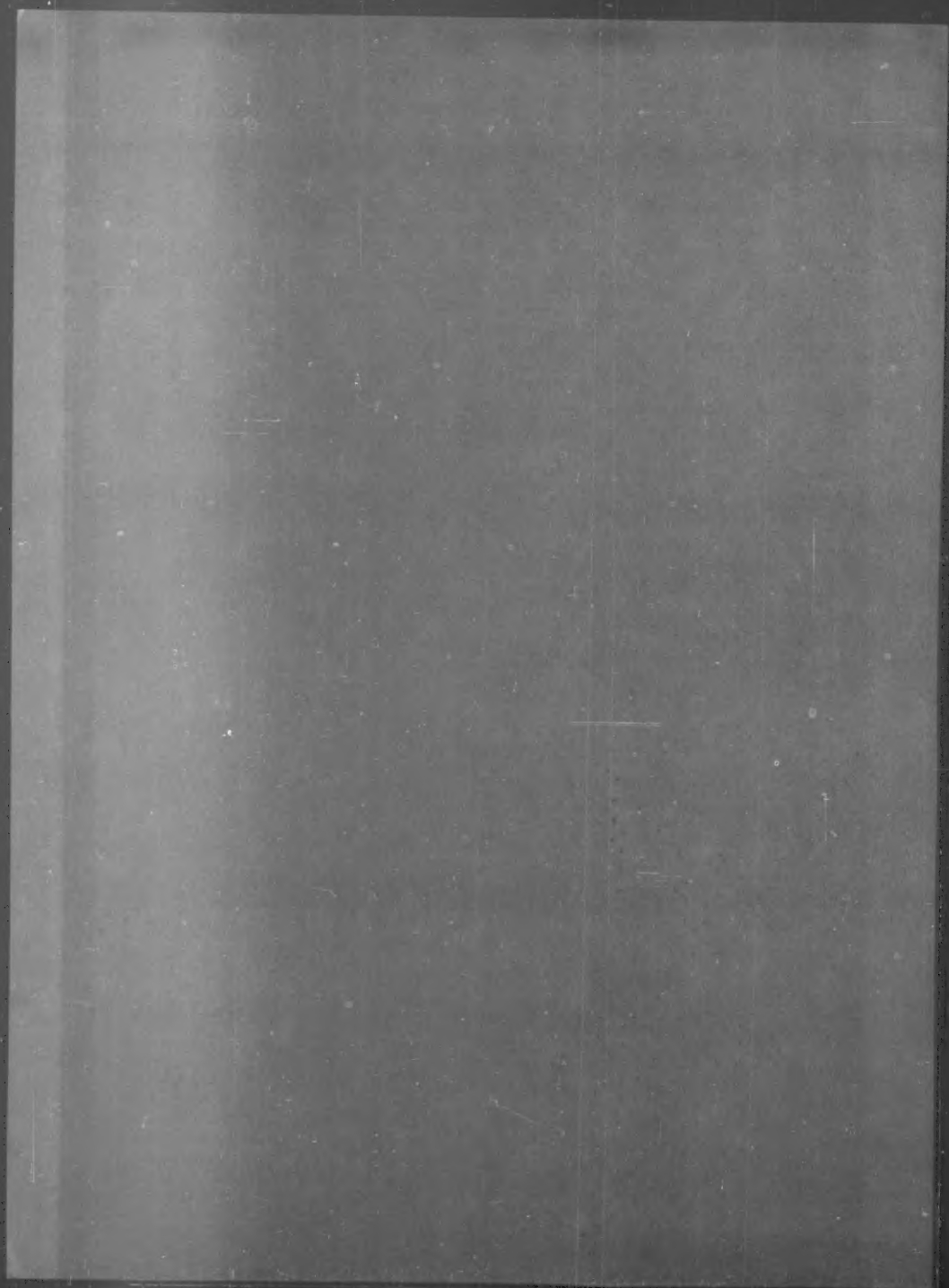
WYOMING

NATIONAL DATATEC, INC.

4202 W. Yellowstone
 Casper, WY 82601
 (307) 265-8888
Major Market: Software House;
 Systems House OEM;
 Dealer/Distributor; Miscellaneous
 Computer Supplies
Target Industries: Architecture;
 Medical; Legal; Banks
Target Applications: General
 Accounting
Product Lines: Forms; Ribbons;
 Disk Packs; Diskettes; Tapes;
 Furniture; Flooding
Contacts:
 Head of Marketing: Guy Montgomery
 Head of Sales: Richard White
 Head of Engineering: Ray Gotlob
Geographic Coverage: WY
Year Established: 1979
Number of Employees: 14



PERIPHERAL CONTROLLERS



Index to Peripheral Controllers By Device Controlled

The peripheral controller index is designed to provide an overview of the products contained in this section of the buyer's guide. Products are indexed according to the type of peripheral device controlled — cassette/cartridge tape drives, display terminals, floppy disk drives, magnetic tape drives, memories, plotters, printers, reel-to-reel tape drives and teleprinters. Within each category, vendors are listed alphabetically with their products following in alphabetical order by name or numerically by model number. In addition to device type, the index contains information on the price of the product and the page number in the section the full product listing is located.

The product listings for controllers have been arranged in alphabetical order by vendor name and product.

Cartridge/Cassette Drive Controllers

VENDOR	MODEL	PRICE	PAGE
Adaptive Data & Energy Systems	TAPELINK	\$484	D-43
Alloy Computer Products	DMB-1	\$850	D-43
	DRS-232	\$1,150	D-44
	PCBACK-UP	\$1,395	D-44
	UPC	\$1,000 to \$2,000	D-44
American Computer Hardware Corp.	PERIPHERAL CONTROLLER	\$2,000	D-46
Aviv Corp.	TFC 903-GCR 1/4-IN. CARTRIDGE	\$1,850	D-46
Ball Electronic Systems Division	3120	\$3,500	D-46
	3180	\$4,400	D-47
Central Data Corp.	B1026	\$310	D-48
Ciprico, Inc.	PICOMATE	\$1,313	D-48
	RIMFIRE 44 (COMBINATION)	\$1,795	D-49
	RIMFIRE 44T	\$1,665	D-49
	RIMFIRE 75 (COMBINATION)	\$1,745	D-49
	RIMFIRE 75T	\$1,130	D-49
Datum, Inc.	10MB CARTRIDGE CONTROLLER 45112	\$1,250	D-52
	20MB CARTRIDGE CONTROLLER 40060	\$5,500	D-52
	20MB CARTRIDGE CONTROLLER 45312	\$2,685	D-53
	CARTRIDGE DISK CONTROLLER 4009	\$3,725	D-53
Dilog	DQ330	\$1,445	D-55
Displays Unlimited	MODEL 2000	\$800	D-55
Distributed Logic Corp.	CARTRIDGE TAPE CONTROLLER DQ330	\$1,445	D-55
GEN/COMP, Inc.	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
Giddings & Lewis, Inc.	PC409	\$2,500 to \$8,000	D-57
Information Products Systems	IPS 3210	\$10,500	D-58
Iomega Corp.	OMEGA ALPHA-10 SUB SYSTEM	\$1,080	D-59
Konan Corp.	ENHANCER	\$1,175	D-60
Measurement Systems & Controls, Inc.	CTC-2900	\$385	D-62
OMTI	10F	\$695	D-65
Rianda Electronics	2400 DISK DRIVE CONTROLLER	\$1,600	D-67
	2570 DISK DRIVE CONTROLLER	\$3,100	D-67
Scientific Micro Systems	FWT01180	\$4,500	D-68
Telcon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-70
Transwave Corp.	K8070	N/A	D-72
	K8073B X CALIBUR	N/A	D-72
	TC2	N/A	D-72
Wespercop	DC-220	N/A	D-72
	DC-230	N/A	D-72
	TC-160	N/A	D-72
	TC-170	N/A	D-72
	TC-180	N/A	D-72
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,550	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Controller Index

Display Terminal Controllers

VENDOR	MODEL	PRICE	PAGE
Able Computer	DH/DM	\$3,750	D-43
	Q/DH	\$1,950	D-43
Advanced Logic Systems, Inc.	COLOR II	\$179	D-43
	DISPATCHER	\$139	D-43
	SMARTERM II	\$179	D-43
Agile Corp.	LC-36	\$995	D-43
	LC-3000	\$1,595 to \$2,995	D-43
Altek Corp.	AC-90SD	\$9,000 to \$10,500	D-44
American Computer Hardware Corp.	UPC	\$1,000 to \$2,000	D-44
Ampak Business Systems, Inc.	624006-1	\$3,995	D-44
Applied Dynamics International	SELECTABLE I	\$875	D-46
Applied Systems Corp.	PERIPHERAL CONTROLLER	\$2,000	D-46
Astronautics Corp. of America	COLORGRAPHIC TERMINAL	\$20,000	D-46
	LINE CONTROL UNIT (LCU)	\$32,000	D-46
Burroughs Corp.	B91	\$18,000	D-47
	B92	\$21,000	D-47
	B93	\$18,000	D-47
	B96	\$36,000	D-47
	CP 9558	\$29,400	D-47
	CP 9582	\$45,000	D-47
Calian Data Systems	GRAPHICS CONTROLLER	\$1,450	D-48
Codata Systems Corp.	SCC 0800	\$13,500	D-49
Comark Corp.	MS534 SERIAL COMMUNICATIONS CONT.	\$550	D-49
Computer Communications Specialists, Inc.	TASK/1000	\$1,995	D-49
Computer Extension System, Inc.	SLC 11	\$550	D-49
	SLJL 11	\$395	D-50
	SLZ 11	\$1,190	D-50
Control Systems	ARTIST BOARD I	\$3,195	D-50
	ARTIST BOARD II	\$1,595	D-50
Cromemco, Inc.	IOP, QDRT	\$1,090	D-50
Cybermaton, Inc.	CFC150	\$105,000	D-51
	CYB-400	\$18,500	D-51
Data Plus, Inc.	202 SERIES	\$900	D-51
	300-10	\$1,300	D-51
	350	\$3,600	D-51
	805-2	\$1,600	D-51
Decision Data Computer Corp.	S751-01 CLUSTER CONTROLLER	\$2,300	D-51
Delta Systems, Inc.	HP/C	N/A	D-54
D.G.M.	R245	\$1,425	D-54
	R350	\$8,000 to \$10,000	D-54
	R650	\$1,425	D-54
Digital Laboratories, Inc.	ESP-1	\$395	D-54
	TLC-1	\$245	D-54
Digitus Corp.	VOICE I/O MODULE	N/A	D-54
	VT10	\$5,500	D-55
Displays Unlimited	MODEL 1000	\$2,900	D-55
	MODEL 2000	\$900	D-55
	MODEL 3000	\$1,200	D-55
D & N Micro Products, Inc.	MODEL 1200	\$2,995	D-56
	MODEL 2400	\$3,495	D-56
	MODEL 2400-16	\$6,095	D-56
Essex Engineering Co.	SX 1107	\$9,000	D-56
GEN/COMP, Inc.	MODEL 2031	\$500	D-56
	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
Giddings & Lewis, Inc.	PC400	\$2,500 to \$9,000	D-57
	PC409	\$2,500 to \$9,000	D-57
Harvey Hubbel, Inc.	MICROMITE 402	\$1,000	D-57
	MICROMITE 403	\$3,000 to \$5,000	D-57
Honeywell, Inc.	VTS-7710	\$10,385	D-57
Houdaille Industries	FABRIPOINT V	\$26,000	D-57
IBM	2701 DATA ADAPTOR UNIT	N/A	D-58
	3274	N/A	D-58
	3705-90 COMMUNICATIONS	N/A	D-58
	3705-II	N/A	D-58
	3725-I	N/A	D-58
	INTEGRATED COMMUNICATIONS	N/A	D-58
Ideographix, Inc.	CHINESE CHARACTER GENERATOR	\$5,000	D-58
	IPX DISPLAY CONTROLLER	\$1,500	D-58
Indocomp, Inc.	IND-1900	\$840	D-58
Infolink	MODEL 5123	\$25,000 to \$80,000	D-58
Information Products Systems	IPS 7803	\$10,500	D-58
John Bell Engineering	82-018 VIDEO TERMINAL BOARD	\$199	D-59

Controller Index

VENDOR	MODEL	PRICE	PAGE
KLC Corp.	100	\$5,000	D-59
	200	\$3,500	D-59
	500	\$3,500	D-59
KMW Systems Corp.	3270 SERIES II	\$6,500	D-59
	HASP/3770 SERIES II	\$4,550	D-60
Lee Data Corp.	306 REMOTE SYSTEM	\$5,212	D-60
	308 REMOTE SYSTEMS	\$7,057	D-60
	310 REMOTE SYSTEM	\$12,361	D-60
	320 LOCAL SYSTEM CONTROLLER	\$14,056	D-60
	321 LOCAL/REMOTE SYS CONTROLLER	\$16,556	D-60
	410 3270/ASYNCH REMAT	\$14,820	D-60
	420 LOCAL/ASYNCH SYSTEM	\$19,520	D-60
	421 LOCAL/REMOTE PLUS	\$21,964	D-60
Local Data, Inc.	DATALYNX/3270	\$1,450	D-60
	DATALYNX/3274	\$6,000	D-60
	DATALYNX/3780	\$1,750	D-60
	INTERLYNX/3278	\$1,395	D-60
Lomas Data Products, Inc.	OCTAPORT	\$325	D-60
Management Assistance, Inc.	110	\$16,990	D-60
	210	\$28,280	D-60
	310	\$52,835	D-60
	510	\$50,065	D-60
	580	N/A	D-61
	710	\$66,970	D-61
	810	\$125,929	D-61
MDB Systems, Inc.	MBI-49-TTY	\$650	D-61
	MDL-11	\$825	D-61
	MDL-11W	\$795	D-61
	MLSI-DLVII	\$475	D-61
	MLSI-DLVII-F	\$350	D-61
	MLSI-DLVII-FX	\$385	D-61
	MULTIPLE I/O BOARD/MDB-M10B-A	\$400	D-61
	PASLA 1 MDB-47-102	\$450	D-62
MDS Trivex	MODEL 8074	\$4,950	D-62
Memorex Corp.	2074 SNA/SDLC	N/A	D-62
	2076	N/A	D-62
Mental Logic Laboratories	DGP-444	\$1,500	D-62
Metheus Corp.	DISPLAY CONTROLLER U 400	\$11,950	D-63
	DISPLAY CONTROLLER U 500	\$16,950	D-63
Moseley Associates, Inc.	MRC-1	\$6,995	D-64
	MRC-2	\$14,995	D-64
	MRC-1600	\$3,695	D-64
Mostek Corp.	MDX-CPU3	\$695	D-64
	MDX-CPU4	\$375	D-64
	MDX-DEBUG	\$400	D-64
	MDX-EPR0M/VART	\$190	D-64
	MDX-5102	\$213	D-64
	RADIUS	\$2,995	D-64
	SDE-COMBO	\$1,195	D-64
	SDE-OEM-80E	\$859	D-64
	VME-SBC	\$1,395	D-64
	VME-510	\$925	D-64
Multi-Systems	R/L1	\$1,500 to \$3,000	D-64
	R/L2	\$2,000 to \$6,000	D-64
	TERMINAL CLUSTER CONTROLLER	\$11,000	D-64
National Semiconductor Corp.	BLC-8228	\$800	D-64
Peripheral Technology, Inc.	SCAT 1	\$795	D-65
	SCAT 2101	\$995	D-65
	SCAT 2501	\$2,995	D-65
Presearch, Inc.	3274	\$6,995	D-66
	3275	\$2,500	D-66
	CC 3276	\$3,350	D-66
	EM 3276 BISYNCHRONOUS	\$2,600	D-66
Racal-Milgo, Inc.	MODEL 4274 LOCAL CLUSTER CONTROLLER	\$7,000 to \$18,000	D-67
	MODEL 4274 REMOTE CLUSTER	\$7,000 to \$18,000	D-67
Raster Technologies	THE MODEL ONE/25	\$10,000 to \$20,000	D-67
	THE MODEL ONE/40	\$10,000 to \$20,000	D-67
	THE MODEL ONE/65	\$10,000 to \$20,000	D-67
Raytheon Co.	PTS-2000	\$2,700	D-67
	RDS-2074	\$6,100	D-67
	RDS-2076	\$2,750	D-67
Renex Corp.	TRANSLATOR 5/9/13/17/21/25/33	\$4,950 to \$18,950	D-67
Rianda Electronics	2600	\$1,900	D-67
Scientific Micro Systems	FD0500	\$900	D-68
Systech, Inc.	MTI-800A/1600A	\$1,895	D-70
Systems Research, Inc.	CP 3680	\$75,000	D-70
Tandem Computers, Inc.	6303	\$3,600	D-70
Tarbell Electronics	3033 CPU I/O BOARD	\$450	D-70

Controller Index

VENDOR	MODEL	PRICE	PAGE
Tarbell Electronics	4044 4SRP	\$450	D-70
Tealectronics, Inc.	DATA CUE II	\$10,000	D-70
Teicon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-70
Teleconic, Inc.	ML644	\$850	D-70
Telex Computer Products, Inc.	MODEL 174-1	\$5,000	D-70
	MODEL 174-2	\$8,500	D-70
	MODEL 274	N/A	D-70
	MODEL 276 DISPLAY	\$5,900	D-70
Term-Tronics	3270-4	\$2,995	D-72
	3270-6	\$2,895	D-72
Transwave Corp.	K8070	N/A	D-72
	K8073B X CALIBUR	N/A	D-72
	TC2	N/A	D-72
TRT Data Products	DATA CONCENTRATOR	\$50,000	D-72
	DATA ROUTER	\$8,000	D-72
	DATA SELECTOR	\$8,000	D-72
Tymshare, Inc.	ASE 9601	\$4,000	D-72
	ASE 9605	\$5,500	D-72
Vermont Research Corp.	4401	\$4,365	D-72
Zendex Corp.	ZX-118 QUAD SERIAL	\$1,495	D-73
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,950	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Floppy Disk Drive Controllers

VENDOR	MODEL	PRICE	PAGE
Action Computer	MPC100	N/A	D-43
Adaptive Data & Energy Systems	ST506/SA400	\$677	D-43
Advanced Electronics Design, Inc.	FLEX 02	\$1,250	D-43
	WINC 05	\$1,995	D-43
	WINC 05-B	\$1,995	D-43
	WINC 08	\$2,630	D-43
Aerocomp, Inc.	DOUBLE DENSITY CONTROLLER	\$139	D-43
Altek Corp.	AC 90SD	\$9,000 to \$10,500	D-44
Andromeda Systems, Inc.	WDC11	\$2,000	D-44
Applied Systems Corp.	PERIPHERAL CONTROLLER	\$2,000	D-46
Astronautics Corp. of America	KVDT WORD PROCESSOR	\$18,000	D-46
Benson, Inc.	GRAPHWARE 1000	\$750	D-47
BGL Technology Corp.	BTC-102	\$750	D-47
Bytronic Corp.	M650	\$1,200	D-48
California Computer Systems	2422-01	\$395	D-48
	2422-02	\$595	D-48
Cellan Data Systems	MULTIBUS FLOPPY DISK CONTROLLER	\$750	D-48
Candid Logic, Inc.	101636	\$230	D-48
Central Data Corp.	B1015	\$375	D-48
	B1015/2001	\$4,195	D-48
	B1015/D2000	\$2,735	D-48
CGRS Microtech, Inc.	C340-2	\$199	D-48
	C540-1	\$199	D-48
	C877-1	\$199	D-48
Codata Systems Corp.	FDC-0100	\$420	D-49
Comark Corp.	MF85	\$695	D-49
Computable Computer Corp.	FDC 5/8	\$495	D-49
CompuPro Corp.	DISK 1	\$495 to \$595	D-49
Computime	FDC-1	\$275	D-50
Data Systems Design, Inc.	4140	\$1,250	D-52
	5215	\$1,295	D-52
	5217	\$1,295	D-52
	6217	\$1,295	D-52
	7215	\$1,295	D-52
	7217	\$1,295	D-52
	DSD 4140	\$1,250	D-52
	MULTIBUS 5215	\$1,295	D-52
Datsystems Corp.	MULTIBUS 7215	\$1,295	D-52
Data Technology Corp.	FLOPPY DISK CONTROLLER 6510	\$1,100	D-52
	DTC520A	\$500	D-52
	DTC535A	\$500	D-52
	DTC900	\$775	D-52
Dilog	DQ409	\$1,095	D-55
Displays Unlimited	MODEL 2000	\$800	D-55

Controller Index

VENDOR	MODEL	PRICE	PAGE
Distributed Logic Corp.	FLOPPY DISK-ANSI I/O DQ619	N/A	D-55
	FLOPPY DISK-SAB800/850/O DQ419	N/A	D-55
D & N Micro Products, Inc.	MODEL 2400	\$3,495	D-56
	MODEL 2400-16	\$6,095	D-56
GEN/COMP, Inc.	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
	MODEL 3052	\$1,200	D-57
General Robotics Corp.	RXV21	\$1,100	D-57
Greco Systems	Z2800	\$195	D-57
Houdaille Industries	FABRIPPOINT V	\$26,000	D-57
Indocomp, Inc.	IND-1672 FLOPPY DISK CONTROLLER	\$960	D-58
Inner Access Corp.	ISBC 204	\$780	D-58
Intel Corp.	ISBC 208	\$1,065	D-59
	ISBC 218A	\$540	D-59
Interphase Corp.	SDC 2203	\$1,795	D-59
Intersil Systems, Inc.	ISB-3401 FLOPPY DISK	N/A	D-59
Ithaca Intersystems	FDC-2	\$650	D-59
Jade Computer Products, Inc.	DOUBLE D	\$395	D-59
Konan Corp.	TAISHO	\$895	D-60
LHW Research Corp.	SYSTEM EXPANSION II	\$399	D-60
Lobo Systems, Inc.	LCA-22	\$599	D-60
Lomas Data Products, Inc.	LDP-72	\$275	D-60
MOB Systems, Inc.	WINCHESTER/FLOPPY CTRL/MLSI-WFCL	\$1,995	D-62
Measurement Systems & Controls, Inc.	FDC-2800	\$408	D-62
Micro Technology, Inc.	MX	N/A	D-63
	MXV21	N/A	D-63
	MXV22	N/A	D-63
	MXV22M	N/A	D-63
	MXV42C	N/A	D-63
Miltope Corp.	DC400	\$7,800	D-63
	DC401	\$7,800	D-63
Morrow Designs	DJ/DMA	\$600	D-64
Mostek Corp.	MDX-FLP2	\$450	D-64
	SDE-COMBO	\$1,195	D-64
	SDE-FLP-80E	\$955	D-64
Motorola, Inc.	VME-FDC	\$1,250	D-64
	KVM 21	\$3,125	D-64
National Semiconductor Corp.	MS8KVM20	\$2,500	D-64
	BLC-8222	\$800	D-64
	BLC-8224	\$800	D-64
OMTI	20D	\$350	D-65
	MODEL 10B	\$695	D-65
Palm Beach Computers, Inc.	INTEGRAL	\$495	D-65
PCE Systems	FDC 800	\$480	D-65
Per Sci, Inc.	1070	\$595	D-65
	1170	\$1,050	D-66
Plessey Peripheral Systems	XC31	\$915	D-66
	XCV31	\$880	D-66
Priam Corp.	SMART	\$340	D-66
	SMART-T	N/A	D-66
Prometheus Products	APPLESURANCE	\$125	D-66
Quentin Research, Inc.	AP120	\$65	D-67
Rana Systems	RANA CONTROLLER CARD	\$145	D-67
Scientific Micro Systems	FD0302-M	\$500	D-68
	FD0500	\$900	D-68
	FD0507-M	\$700	D-68
	FWD0101	\$2,400	D-68
	FWD0106	\$2,100	D-68
	FWD1101	\$2,400	D-68
	FWD1106	\$2,100	D-68
	FWD5001	\$1,400	D-68
	FWD8001	\$1,500	D-68
	FWD8006	\$1,400	D-68
SD Systems, Inc.	FWII	\$895	D-68
	VERSAPLOPPY II	\$400	D-68
S. Goldman Co.	PM-3001	\$730	D-68
	PM-3010	\$750	D-68
Shugart Associates, Inc.	SA1403	\$1,003	D-68
	SA1403D	\$861	D-68
	SA1403D-1	\$861	D-68
	SA1403E	\$861	D-68
	SA1420A	\$487	D-68
	SA1603	\$481	D-68
	SA1620	\$416	D-68
Sigma Designs, Inc.	SDI-FLOPPY	\$220	D-69
Sigma Information Systems, Inc.	SDC-RXV21	\$871	D-69
Smoke Signal Broadcasting	DCB-4A	\$549	D-69

Controller Index

VENDOR	MODEL	PRICE	PAGE
Smoke Signal Broadcasting	DCB-4E	\$695	D-69
	PSA-1	\$1,450	D-69
Sorrento Valley Associates	MEGAFLX MXH853	\$349	D-69
Spectra Logic Corp.	SPECTRA 10	\$2,600	D-69
	SPECTRA 30	\$1,150	D-69
	SPECTRA 36	\$1,350	D-69
Systems Group	FDC-2800	\$408	D-70
Systems Research, Inc.	CP 3680	\$75,000	D-70
Tarbell Electronics	1011 SINGLE DENSITY FLOPPY	\$325	D-70
	2022-DOUBLE DENSITY FLOPPY	\$495	D-70
TEAC Corp. of America	FC-55	\$400	D-70
Telcon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-70
Terminal Data Corp.	SYSTEM 2000/20	\$895	D-70
	SYSTEM 2000/10	\$895	D-72
Transware Corp.	K8070	N/A	D-72
	K8073B X CALIBUR	N/A	D-72
	TC2	N/A	D-72
Univation, Inc.	FLOPPY DISK CONTROLLER ICF-5 & 8C	\$295	D-72
Vista Computer Co., Inc.	A800 DOUBLE DENSITY	\$265	D-72
Western Digital Corp.	WD1002 WINCHESTER/FLOPPY	N/A	D-73
Zendex Corp.	ZBX-218B	\$480	D-73
	ZX-200A	\$1,500	D-73
	ZX-203	\$2,795	D-74
	ZX-205	\$506	D-74
	ZX-208A	\$980	D-74
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,950	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Magnetic Tape Device Controllers

VENDOR	MODEL	PRICE	PAGE
Alloy Computer Products	CP-8000	\$895	D-43
	DMB-1	\$650	D-43
	DP-8000	\$1,050	D-44
	DS-100	\$650	D-44
	DZ-80B	\$600	D-44
	IDXS-100	\$950	D-44
	LSI-50	\$1,195	D-44
	OSBU-1A	\$950	D-44
Altek Corp.	AC 905M	\$7,000 to \$250,000	D-44
American Computer Hardware Corp.	UPC	\$1,000 to \$2,000	D-44
Applied Systems Corp.	PERIPHERAL CONTROLLER	\$2,000	D-46
Ardent Computer Products, Inc.	MAGNETIC TAPE CONTROLLER T1000	\$2,000	D-46
Astronautics Corp. of America	LINE CONTROL UNIT (LCU)	\$32,000	D-46
Atex, Inc.	ATEX	N/A	D-46
Aviv Corp.	TEC 712	\$3,500	D-46
	TEC 822-NRZI/PE	\$3,500	D-46
	TFC 705/715 GCR	\$9,450	D-46
	TFC 706-GCR TRIDENSITY	\$9,850	D-46
	TFC 805/815 GCR TRIDENSITY	\$8,725	D-46
	TFC 806 GCR TRIDENSITY	\$9,100	D-46
	TFC 832-STREAMING COUPLER	\$1,850	D-46
	TFC 922-NRZI/PE	\$3,500	D-46
Bytronic Corp.	M525	\$1,200	D-48
Ciprico, Inc.	RIMFIRE 38A (COMBINATION)	\$1,895	D-48
	RIMFIRE 45 (COMBINATION)	\$1,895	D-49
Comark Corp.	TAPEMASTER	\$1,688	D-49
	MT80	\$1,295	D-49
	MT88	\$1,295	D-49
Cray Research, Inc.	BMC-4	\$75,000	D-50
Cybernation, Inc.	CYB-400	\$18,500	D-51
Data Engineering, Inc.	CC680	\$6,000	D-51
Dataplex, Inc.	201 MICROSTREAMER	\$6,500	D-51
Dataram Corp.	T03	\$1,950	D-51
	T04/C	\$1,500	D-51
	T04/D	\$2,800	D-51
	T05/C	\$1,980	D-51
	T34/T	\$3,670	D-51
	T35/C	\$1,980	D-51
	T36	\$2,700	D-52

Controller Index

VENDOR	MODEL	PRICE	PAGE
Dataram Corp.	T37	\$2,900	D-52
Data Systems Design, Inc.	MULTIBUS 5215	\$1,295	D-52
	MAG TAPE CONTROLLER 1018	\$3,625	D-53
Datum, Inc.	MAG TAPE CONTROLLER 1019	\$3,625	D-53
	MAG TAPE CONTROLLER 1041	\$3,200	D-53
	MAG TAPE CONTROLLER 1046	\$3,850	D-53
	MAG TAPE CONTROLLER 1050	\$2,675	D-53
	MAG TAPE CONTROLLER 1060,1070	\$5,500	D-53
	MAG TAPE CONTROLLER 1512	\$2,550	D-53
	MAG TAPE CONTROLLER 1542	\$2,250	D-53
	MAG TAPE ADAPTER 35012	\$1,600	D-53
	TM11 1521	\$2,800	D-53
	TM11 ADAPTER 35020	\$1,550	D-53
	TM11 ADAPTER 35021	\$1,550	D-53
	TM11 CONTROLLER 1020	\$3,400	D-53
	TM11 CONTROLLER 1520A	\$2,850	D-53
	TM11 CONTROLLER 1520AV	\$2,875	D-53
	TM11 CONTROLLER 15330	\$2,370	D-53
	TS11 ADAPTER 35032	\$2,050	D-53
Davong Systems, Inc.	HARD DISK CONTROLLER-E	\$1,995	D-53
	HARD DISK CONTROLLER-I	\$1,845	D-53
Delta Systems, Inc.	HP/T	N/A	D-54
Digi-Data Corp.	70M	N/A	D-54
	70Q	N/A	D-54
	70R	N/A	D-54
	70S	N/A	D-54
	HP1000M/E/F IF	\$2,000	D-54
	HS NCI	\$1,500	D-54
	CCI	\$1,485	D-54
	UCI	\$1,500	D-54
Dilog	DI120	\$1,895	D-55
	DI132	\$2,050	D-55
	DI120	\$1,895	D-55
	DI130	\$1,550	D-55
Displays Unlimited	MODEL 2000	\$800	D-55
Distributed Logic Corp.	TAPE DRIVE COUPLER DX130	\$1,550	D-55
	TAPE DRIVE COUPLER DX132	\$2,050	D-55
DP-Tek, Inc.	3221	\$3,995	D-56
Dylon Corp.	1015B	\$6,995	D-56
	1025A	\$6,995	D-56
	1030A	\$5,695	D-56
Emulex Corp.	SC01	N/A	D-56
Gaw Control Corp.	TF160	\$1,300	D-56
	TF800	\$1,100	D-56
	TF816	\$1,700	D-56
GEN/COMP, Inc.	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
Honeywell, Inc.	MTP-0610	\$29,400 to \$73,752	D-57
	MTP-8000	\$28,060	D-57
IBEX Computer Corp.	STC-100	\$2,200	D-57
Information Development & Applications	4600	\$4,495	D-58
Information Products Systems	IPS 3200	\$5,000	D-58
	IPS 5000	\$14,000	D-58
	IPS 7016	\$14,500	D-58
	IPS 7803	\$10,500	D-58
Inner Access Corp.	SCSI-I	\$150	D-58
Intel Corp.	ISBX 217B	\$495	D-59
Interphase Corp.	SDC 2203	\$1,795	D-59
KLC Corp.	300	\$8,000	D-59
KMW Systems Corp.	HASP/3770 SERIES II	\$4,550	D-60
Konan Corp.	ENHANCER	\$1,175	D-60
Macrolink	201800 STREAMER TAPE ADAPTER	\$1,225	D-60
MDB Systems, Inc.	TAPE CONTROLLER/MDSI-TM11	\$2,950	D-62
	TAPE CONTROLLER/MLSI-TM11	N/A	D-62
MegaLogic Corp.	QIM-1/MX	\$325	D-62
	QIM-1/MX	\$895	D-62
	TM-1/MX	\$895	D-62
Memtec	M1000 COMPANION CONTROLLER	\$495	D-62
	M1100 COMPANION	\$250	D-62
	M1200	\$250	D-62
Miltope Corp.	TC-NTDS	\$27,500	D-63
	TC-X	\$20,000	D-63
	TC11	\$20,000	D-63
	TC400	\$23,100	D-63
Minicomputer Technology	2410	\$2,200	D-63
	2414	\$2,800	D-63
	2420	\$2,200	D-63

Controller Index

VENDOR	MODEL	PRICE	PAGE
Minicomputer Technology	2425	\$2,800	D-63
NCR Corp.	6325	\$17,000	D-64
	6370-0401	\$56,122	D-65
	6370-0601	\$59,347	D-65
	6370-0801	\$33,900	D-65
Plessey Peripheral Systems	TC11B	\$2,800	D-66
Hianda Electronics	1939 MAG TAPE CONTROLLER	\$9,980	D-67
	2200 MAG TAPE CONTROLLER	\$1,600	D-67
	2570T MAG TAPE CONTROLLER	\$1,600	D-67
Rosscomp Corp.	C160	\$1,750	D-68
	C161	\$650	D-68
	C162	N/A	D-68
	C163	\$199	D-68
Spectra Logic Corp.	SPECTRA 20	\$3,200	D-69
	SPECTRA 21	\$3,200	D-69
	SPECTRA 25	\$2,250	D-69
	SPECTRA 26	\$3,200	D-69
Stratus Computer	T-100	\$5,500	D-69
Sysgen	SC-3000	\$1,000	D-70
Systech, Inc.	STC-4400	\$795	D-70
System Industries, Inc.	9700	\$35,200 to \$39,900	D-70
Systems Group	CPC-29	\$385	D-70
Tandem Computers, Inc.	3202	\$4,800	D-70
	3206	\$6,100	D-70
Telcon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-72
Transwave Corp.	K8070	N/A	D-72
	K8073B X CALIBUR	N/A	D-72
	TC2	N/A	D-72
TNT Data Products	DATA ROUTER	\$8,000	D-72
	DATA SELECTOR	\$8,000	D-72
U.S. Design Corp.	MODEL 2250	\$4,995	D-72
Wespercorp	TAPE DIMENSION III	\$1,983	D-72
	TC-110	N/A	D-73
	TC-120	N/A	D-73
	TC-130	\$3,410	D-73
	TC-131	N/A	D-73
	TC-140	N/A	D-73
	TC-151	N/A	D-73
Wespermicro Systems, Inc.	TAPE DIMENSION III	\$1,983	D-73
	TC131	\$3,300	D-73
Xylogics, Inc.	472	\$1,795	D-73
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,950	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Memory Device Controllers

VENDOR	MODEL	PRICE	PAGE
Applied Dynamics International	SELECTABLE I	\$875	D-46
Applied Systems Corp.	PERIPHERAL CONTROLLER	\$2,000	D-46
Bytek Computer Systems Corp.	MULTIPROGRAMMER SYSTEM S-15F	\$945	D-47
	MULTIPROGRAMMER SYSTEM S-15P	\$645	D-47
	MULTIPROGRAMMER SYSTEM S-15R	\$445	D-48
Computime	64K STATIC RAMBOARD	\$325	D-50
	CT256	\$550	D-50
Consatink	SS-SER	\$444	D-50
	SS-1000	\$349	D-50
Cybermaton, Inc.	CYB-400	\$18,500	D-51
Data Engineering, Inc.	ASYNCHRONOUS MEMORY PORT C2172	\$6,000	D-51
	C/514	\$12,000	D-51
	INTERNAL MEMORY CONTROLLER C2192	\$6,000	D-51
	SYNCHRONOUS MEMORY PORT C2162	\$6,000	D-51
Datasystems Corp.	DMA CONTROLLER DLP1132	\$2,150	D-52
	LINE PRINTER CONTROLLER DLP1200	\$650	D-52
Devong Systems, Inc.	DSI-ASYNCH	\$385	D-53
Gaw Control Corp.	TF816	\$1,700	D-56
GEN/COMP, Inc.	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
General Robotics Corp.	MLVII	\$1,000	D-57
	MSVII	\$500	D-57
	MSVII-Q	\$2,500	D-57

Controller Index

VENDOR	MODEL	PRICE	PAGE
Giddings & Lewis, Inc.	PC400	\$2,500 to \$9,000	D-57
Honeywell, Inc.	MSP-0611	\$52,000	D-57
Houdaille Industries	FABRIPOINT V	\$26,000	D-57
Ikier Technology, Inc.	HRG	\$1,900	D-58
	HRG-2	\$3,600	D-58
	MPC/FRG	\$8,000	D-58
Lomas Data Products, Inc.	LDP-256K	\$795	D-60
	RAM67	\$1,200	D-60
PCE Systems	BSR256	\$1,000	D-65
Telcon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-70
Transwave Corp.	K8070	N/A	D-72
	K8073B X CALIBUR	N/A	D-72
	TC2	N/A	D-72
Vermont Research Corp.	4107	\$3,340	D-72
	4108	\$3,575	D-72
	4401	\$4,365	D-72
	4402	\$3,770	D-72
	4404	\$3,575	D-72
	4410	\$3,170	D-72
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,950	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Plotter Controllers

VENDOR	MODEL	PRICE	PAGE
Agile Corp.	MODEL 5287	\$2,500	D-43
American Computer Hardware Corp.	UPC	\$1,000 to \$2,000	D-44
Applied Systems Corp.	PERIPHERAL CONTROLLER	\$2,000	D-46
Benson, Inc.	GRAPHWARE II	\$10,000 to \$12,000	D-47
	GRAPHWARE 1000	\$750	D-47
	GRAPHWARE 2000	\$20,000	D-47
Cyberterm, Inc.	CF150	\$105,000	D-51
	CYB-400	\$18,500	D-51
Displays Unlimited	MODEL 2000	\$800	D-55
GEN/COMP, Inc.	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
Houdaille Industries	FABRIPOINT V	\$26,000	D-57
Indocomp, Inc.	IND-1900	\$840	D-58
KMW Systems Corp.	GRAPHICS VECTOR PROCESSOR-VP20	\$12,000 to \$15,000	D-59
	GRAPHICS VECTOR PROCESSOR VP10	\$5,000 to \$12,000	D-59
	GRAPHICS VECTOR PROCESSOR VP30	\$19,500	D-60
	HASP/3770 SERIES II	\$4,550	D-60
MDB Systems, Inc.	INCREMENTAL PLOTTER CTRL/MDB-XVII	\$1,250	D-61
	PRINTER PLOTTER CONTROL/MDB-LVII	\$1,450	D-62
	PRINTER PLOTTER CONTROL/MSI-LVII	\$975	D-62
	X-Y INCREMENTAL PLOTTER CONTROLLER	\$700	D-62
Mostek Corp.	MDX-5102	\$213	D-64
Nicolet Zeta Corp.	E300	N/A	D-65
	ZETA C63	\$43,800 to \$57,800	D-65
Systems Research, Inc.	CP 3680	\$75,000	D-70
Telcon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-70
Versatec, Inc.	IXX INTERFACES	N/A	D-72
	RANDOM ELEMENT PROCESSOR	N/A	D-72
	VECTOR TO RASTER CONVERTOR	N/A	D-72
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,950	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Printer Controllers

VENDOR	MODEL	PRICE	PAGE
Able Computer	VMZ/LP	\$1,595	D-43
ACC	IF-11/9700	\$15,000	D-43

Controller Index

VENDOR	MODEL	PRICE	PAGE
Adaptive Data & Energy Systems	PRINTLINK	\$500	D-43
Advanced Logic Systems, Inc.	DISPATCHER	\$139	D-43
	PRINTERMATE	\$99	D-43
Agile Corp.	LC-36	\$995	D-43
	LC-3000	\$1,595 to \$2,995	D-43
	MODEL 5287	\$2,500	D-43
American Computer Hardware Corp.	UPC	\$1,000 to \$2,000	D-44
Ampak Business Systems, Inc.	624006-1	\$3,995	D-44
	624006-2	\$4,995	D-44
	624006-3	\$7,995	D-44
	624006-4	\$9,750	D-44
	624006-5	\$13,950	D-44
	624006-6	\$23,000	D-44
Applied Dynamics International	SELECTABLE I	\$875	D-46
Applied Systems Corp.	COMMUNICATIONS CONTROLLER ASC/80	\$2,500	D-46
	PERIPHERAL CONTROLLER	\$2,000	D-46
Ardent Computer Products, Inc.	LINE PRINTER CONTROLLER L1000	\$1,000	D-46
	LINE PRINTER CONTROLLER L1100	\$1,300	D-46
	LINE PRINTER CONTROLLER L1300	\$1,500	D-46
Astronautics Corp. of America	KEYBOARD VIDEO DISPLAY	\$28,000	D-46
	LINE CONTROL UNIT (LCU)	\$32,000	D-46
BDS Corp.	BPI-80	\$1,295	D-47
	CSI-51	\$995	D-47
	DGC-40	\$995	D-47
	DGC-50	\$2,000	D-47
	HPC-21	\$995	D-47
	HPC-30	\$2,595	D-47
	HPC-33	\$2,595	D-47
	HPI-33	\$2,595	D-47
	IBI-34	\$2,595	D-47
	IBI-76	\$2,595	D-47
	LPC-03	\$595	D-47
	LPC-11	\$795	D-47
	LPC-20	\$2,595	D-47
	NPC-20	\$1,500	D-47
Bit 3 Computer Corp.	DUAL-COMM CARD	\$249	D-47
Cardamation Co.	11AP	\$520	D-48
	11GP	\$320	D-48
	21AP	\$470	D-48
	21CP	\$470	D-48
	21DP	\$470	D-48
	21GP	\$470	D-48
Codata Systems Corp.	SCC 0800	\$13,500	D-49
Comark Corp.	MS534 SERIAL COMMUNICATIONS CONT	\$550	D-49
Combure Corp.	C1718	\$4,800	D-49
	C3900	\$5,800	D-49
	C4748	\$4,800	D-49
	C6768	\$7,200	D-49
	C7900	\$7,200	D-49
	CX27	\$9,050	D-49
Computer Communications Specialists, Inc.	TASK/1000	\$1,995	D-49
Computer Extension System, Inc.	LPC 8	\$495	D-49
	LPC 11	\$525	D-49
	LPCL 11	\$375	D-49
	SLC 11	\$550	D-49
Consolidink	SLJL 11	\$395	D-50
	MS-PP32	\$249	D-50
	MS-PP64	\$299	D-50
	MS-PS16	\$249	D-50
	MS-PS32	\$279	D-50
	MS-PS64	\$329	D-50
	MS-SP16	\$249	D-50
	MS-SP32	\$279	D-50
	MS-SP64	\$329	D-50
	MS-SS16	\$259	D-50
	MS-SS32	\$289	D-50
	MS-SS64	\$339	D-50
	MS-PP16	\$219	D-50
	SS-SER	\$444	D-50
	SS-1000	\$349	D-50
	SS MEM	\$159	D-50
Cromemco, Inc.	IOP. QDRT	\$1,090	D-50
	PR1	\$245	D-50
	TRT	\$345	D-50
Cybermat, Inc.	CFC150	\$10,000	D-51
	CYB-400	\$18,500	D-51
Data Engineering, Inc.	CC420	\$3,000	D-51
	P4390	\$800	D-51

Controller Index

VENDOR	MODEL	PRICE	PAGE
Data Plus, Inc.	805-2	\$1,600	D-51
Datasouth Computer	DS120 TERMINAL CONTROLLER BOARD	\$750	D-52
Datsystems Corp.	DMA CONTROLLER DLP1132	\$2,150	D-52
	LINE PRINTER CONTROLLER DLP11	\$625	D-52
	LINE PRINTER CONTROLLER DLP1100	\$375	D-52
	LINE PRINTER CONTROLLER DLP1200	\$650	D-52
	LINE PRINTER CONTROLLER DLP3300	\$1,825	D-52
Datum, Inc.	LINE PRINTER CONTROLLER 95060	\$2,150	D-53
Davong Systems, Inc.	DSI-ASYNCH	\$385	D-53
Decision Data Computer Corp.	5751-01 CLUSTER CONTROLLER	\$2,300	D-53
Delta Systems, Inc.	HP/IP	\$32,000	D-54
Digital Associates Corp.	4111 PDP/11/VAX PRINTER	N/A	D-54
	HP 3000/33 - HP 3000/64	N/A	D-54
	HP 3000/11/III PRINTER	N/A	D-54
	MODEL 3211 IBM SERIES I	N/A	D-54
	MODEL 4140 PRINTER CONTROLLER	N/A	D-54
	PROTOCOL INTERFACE 7130	N/A	D-54
	PROTOCOL INTERFACE 7140	N/A	D-54
	REMOTE LINE PRINTER SYSTEM	N/A	D-54
Digital Laboratories, Inc.	RS-232 INTERFACE 7110	N/A	D-54
	MULTISPOOL	\$995	D-54
Digitus Corp.	SASA CONTROLLER	\$220	D-54
Displays Unlimited	MODEL 2000	\$800	D-55
	MODEL 3000	\$1,200	D-55
DP-Tek, Inc.	94-D	\$400	D-56
	94-P	\$375	D-56
	94-S	\$475	D-56
	94-WP	\$495	D-56
	8304	\$1,950	D-56
	9449	\$495	D-56
	IMPRINT/3	\$1,195	D-56
Essex Engineering Co.	MODEL 8303	\$1,550	D-56
GEN/COMP, Inc.	SX 1107	\$9,000	D-56
	MODEL 2024	\$525	D-56
	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
General Electric Co.	9610	\$3,815	D-57
General Robotics Corp.	9615	\$3,940	D-57
Giddings & Lewis, Inc.	LPVII OBUS COMPATIBLE	\$250	D-57
	PC400	\$2,500 to \$9,000	D-57
	PC409	\$2,500 to \$9,000	D-57
Honeywell, Inc.	URP-0600	\$26,585	D-57
	URP-8001	\$6,500	D-57
	URP-8004	\$4,000	D-57
	VTS-7710	\$10,385	D-57
Houdaille Industries	FABRIPOINT V	\$26,000	D-57
IBM	2701 DATA ADAPTOR UNIT	N/A	D-58
	3274	N/A	D-58
	3705-80 COMMUNICATIONS	N/A	D-58
	3705-II	N/A	D-58
	3725-I	N/A	D-58
	INTEGRATED COMMUNICATIONS	N/A	D-58
Ideographix, Inc.	CHINESE CHARACTER GENERATOR	\$5,000	D-58
	IPX PRINTER CONTROLLER	\$1,500	D-58
Indocomp, Inc.	IND-1900	\$840	D-58
Innovative Electronics, Inc.	MC 40/10	\$1,070	D-58
	MC 40/20	\$1,070	D-58
	MC 40/40	\$795	D-58
	MC 40/50	\$845	D-58
	MC 40/60	\$770	D-58
	MC 40/70	\$820	D-58
	MC 40/80	\$770	D-58
Instrumentation Technology Systems	9341	\$940	D-59
Intron Corp.	6507	\$10,000	D-59
	6512	\$10,000	D-59
	6579	\$7,500	D-59
	6580	\$7,500	D-59
	INTEGRAL CONTROLLER	\$10,000	D-59
KLC Corp.	400	\$6,000	D-59
KMW Systems Corp.	3270 SERIES II	\$6,500	D-59
	GRAPHICS VECTOR PROCESSOR-VP20	\$12,000 to \$15,000	D-59
	GRAPHICS VECTOR PROCESSOR VP10	\$5,000 to \$12,000	D-59
	GRAPHICS VECTOR PROCESSOR VP-30	\$19,500	D-60
	HASP/3770 SERIES II	\$4,550	D-60
LHW Research Corp.	SYSTEM EXPANSION II	\$399	D-60
Local Data, Inc.	DATALYNX/3270	\$1,450	D-60
	DATALYNX/3274	\$8,000	D-60

Controller Index

VENDOR	MODEL	PRICE	PAGE
Local Data, Inc.	DATALYNX/3780	\$1,750	D-60
	INTERLYNX/3287	\$1,750	D-60
Lomas Data Products, Inc.	OCTAPORT	\$325	D-60
Macrolink	201105	\$725	D-60
Management Assistance, Inc.	110	\$16,990	D-60
	210	\$28,280	D-60
	310	\$52,835	D-60
	510	\$50,065	D-60
	580	N/A	D-61
	710	\$68,970	D-61
	810	\$125,929	D-61
	HIGH SPEED CONTROLLER	\$2,500	D-61
	PARALLEL DEVICE CONTROLLER	\$2,000	D-61
MDB Systems, Inc.	LINE PRINTER CONTROL/MD8-LPC	\$1,995	D-61
	LINE PRINT CONTROLLER/MD8-46-206	\$990	D-61
	LINE PRINTER CONTROL/MD8-LP11-A	\$1,250	D-61
	LINE PRINTER CONTROL/MD8-4034	\$750	D-61
	LINE PRINTER CONTROL/MD8-42XX	\$1,500	D-61
	LINE PRINTER CONTROLLER/MD8-LPII	\$750	D-61
	LINE PRINTER CTRL/MD8-4034-A	\$995	D-61
	LINE PRINTER CONTROL/MDVS-HP-LPC	\$850	D-61
	LINE PRINT CONTROLLER/MLSI-LPII-A	\$650	D-61
	LINE PRINTER CONTROLLER/MLSI-LPII	\$475	D-61
	MBI-49-TTY	\$650	D-61
	MDL-11	\$825	D-61
	MDL-11W	\$795	D-61
	MLSI-DLVII	\$475	D-61
	MLSI-DLVIF	\$350	D-61
	MLSI-DLVIFX	\$385	D-61
	MULTIPLE I/O BOARD/MD8-M10B-A	\$400	D-61
	PASLA 1 MDB-47-102	\$450	D-62
MD&S Trivex	MODEL 8074	\$4,950	D-62
Memorex Corp.	2074 SNA/SDLC	N/A	D-62
	2076	N/A	D-62
Mental Logic Laboratories	DG1-42/52	\$400	D-62
	DG1-44/54	\$500	D-62
	DG1-46/56	\$250	D-62
	DG1-ADL	\$300	D-62
	DG1-44B/54B	\$900	D-62
	DG1-41/51	\$500	D-62
	DG1-43/53	\$550	D-62
	DGP-44/54	\$1,200	D-62
	DGP-64T	\$1,200	D-62
	DGP-444	\$1,500	D-62
Minicomputer Technology	2410	\$2,200	D-63
	2414	\$2,800	D-63
Moseley Associates, Inc.	R/L1	\$6,995	D-64
	R/L2	\$14,995	D-64
Mostek Corp.	MRC-1	\$695	D-64
	MDX-CPUS	\$195	D-64
	MDX-PIO	\$213	D-64
	MDX-5102	\$1,395	D-64
	VME-SBC	\$925	D-64
Multi-Systems	VME-510	\$1,500 to \$3,000	D-64
	R/L1	\$2,000 to \$6,000	D-64
	TERMINAL CLUSTER CONTROLLER	\$11,000	D-64
NCR Corp.	647-P001	\$2,258	D-64
	6320-2401	\$2,650	D-64
	6420-2101	\$2,650	D-65
	6420-2301	\$2,650	D-65
	6420-3202	\$2,650	D-65
	6420-801	\$2,650	D-65
	6420-P002	\$2,650	D-65
Practical Peripherals, Inc.	INLINE	\$299	D-66
	MICROBUFFER E	\$159	D-66
	MICROBUFFER II	\$219	D-66
	MICROBUFFER II PLUS	\$259 to \$349	D-66
Presearch, Inc.	3274	\$6,995	D-66
	CC 3276	\$3,350	D-66
	EM 3276 BISYNCHRONOUS	\$2,600	D-66
Prometheus Products	GRAPHITI	\$125	D-66
Qantel Corp.	4804	\$1,500	D-66
Quality Computer Service	BIG BLUE	\$595	D-66
Quality Micro Systems, Inc.	DATA PRODUCTS SERIES	\$2,495	D-67
	MAGNUM SERIES CONTROLLERS	\$2,395 to \$3,495	D-67
	QMS 6310/34	\$1,695	D-67
	QMS SERIES	\$1,995	D-67
	QUIC-GRIP	N/A	D-67

Controller Index

VENDOR	MODEL	PRICE	PAGE
Racal-Milgo, Inc.	MODEL 4274 LOCAL CLUSTER CONTROLLER	\$7,000 to \$18,000	D-67
	MODEL 4274 REMOTE CLUSTER	\$7,000 to \$18,000	D-67
Raytheon Co.	PTS-2000	\$2,700	D-67
	RDS-2074	\$6,100	D-67
	RDS-2076	\$2,750	D-67
Renaissance Technology	PARALLEL BUFF-ET	\$219 to \$299	D-67
	PC BUFF-ET	\$249 to \$329	D-67
	SERIAL BUFF-ET	\$219 to \$299	D-67
Rianda Electronics	1200 LINE PRINTER CONTROLLER	\$420	D-67
	2600	\$1,900	D-67
	2700LP	\$800	D-67
	2710LP	\$1,300	D-67
Southern Systems, Inc.	DEC PDP-11 9080	N/A	D-69
Spur Products Corp.	S1403	\$15,000	D-69
SSM Microcomputer Products, Inc.	AIO-II	\$225	D-69
	APPLC	\$129	D-69
Systech, Inc.	MLP-2000 DUAL LINE	\$650	D-70
Tandem Computers, Inc.	3401	\$2,800	D-70
Tarbell Electronics	4044 4SRP	\$450	D-70
Teatronics, Inc.	DATA CUE II	\$10,000	D-70
Telcon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-70
Telectronic, Inc.	ML644	\$850	D-70
Telex	MICROTEENN	\$1,200	D-70
Telex Computer Products, Inc.	MODEL 174-1	\$5,000	D-70
	MODEL 174-2	\$8,500	D-70
	MODEL 274	N/A	D-70
	MODEL 276 DISPLAY	\$5,900	D-70
Term-Tronics	3270-4	\$2,995	D-72
	3270-6	\$2,895	D-72
Transwave Corp.	V8070	N/A	D-72
	KB073B X CALIBUR	N/A	D-72
	TC2	N/A	D-72
TRT Data Products	DATA CONCENTRATOR	\$50,000	D-72
Tymshare, Inc.	ASE 9601	\$4,000	D-72
	ASE 9605	\$5,500	D-72
Wespermicro Systems, Inc.	BIPO	\$179	D-73
	EBI	\$139 to \$195	D-73
	IBM SPOOLER CARD P	\$289	D-73
	IBM SPOOLER CARD SP	\$349	D-73
	PI	\$87	D-73
	SBO	\$249	D-73
Westrex OEM Products	MODEL 6500	\$200	D-73
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,950	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Reel-to-Reel Tape Drive Controllers

VENDOR	MODEL	PRICE	PAGE
Adaptec, Inc.	ACB-4000	\$200	D-43
	ACB-5500	\$300	D-43
	ACB-5800	\$300	D-43
	AIC-100	\$100	D-43
Adaptive Data & Energy Systems	GYPSY P	\$1,378	D-43
	GYPSY 5	\$1,378	D-43
	ST508	\$532	D-43
	ST508/SA400	\$677	D-43
Advanced Digital Corp.	HDC-1001-5	\$450	D-43
	HDC-1001-8	\$450	D-43
Advanced Electronics Design, Inc.	WINC 05	\$1,995	D-43
	WINC 05-8	\$1,995	D-43
	WINC 08	\$2,630	D-43
Alloy Computer Products	IDXS-100	\$950	D-44
Alpha Data, Inc.	ADC-II	\$3,850	D-44
	ADC-NB	\$2,750	D-44
Amdahl Corp.	6880 MODEL 2	\$77,300	D-44
Amperif	5046	\$63,760	D-44
Andromeda Systems, Inc.	WDC11	\$2,000	D-44
Applied Systems Corp.	PERIPHERAL CONTROLLER	\$2,000	D-46
Ardent Computer Products, Inc.	10 MB DISK CONTROLLER D1000	\$1,800	D-46
	IMBEDDED SMD/CMD DISK D3000	\$4,000	D-46

Controller Index

VENDOR	MODEL	PRICE	PAGE
Ardent Computer Products, Inc.	SMD/CMD DISK D2000	\$6,000	D-46
Astronautics Corp. of America	LINE CONTROL UNIT (LCU)	\$32,000	D-46
Aviv Corp.	DEC 907 LSI-11 Q-BUS	\$2,850	D-46
	DFC 607-VAX 750 CMIBUS	\$8,200	D-46
	DFC 807 PDP-11 UNIBUS	\$2,850	D-46
	DFC 808-PDP-11 UNIBUS	\$3,600	D-46
Ball Electronic Systems Division	3170	\$4,000	D-46
	3253	\$5,000	D-47
Braegen Corp.	BR11	N/A	D-47
	BR750	N/A	D-47
	BR1630	\$11,000	D-47
Bytronix Corp.	B234 DISC CONTROLLER	\$1,068	D-48
	B450 DISC CONTROLLER	\$1,450	D-48
	M234	\$1,200	D-48
	M450	\$1,200	D-48
	M525	\$1,200	D-48
California Computer Systems	2832	\$1,425	D-48
Callan Data Systems	CWC-796	\$1,395	D-48
Central Data Corp.	B1023	\$530	D-48
	B1026	\$310	D-48
Ciprico, Inc.	RIMFIRE 38A COMBINATION	\$1,895	D-48
	RIMFIRE 38AD	\$1,603	D-48
	RIMFIRE 44 COMBINATION	\$1,795	D-49
	RIMFIRE 44D	\$1,603	D-49
	RIMFIRE 45 COMBINATION	\$1,895	D-49
	RIMFIRE 50D	\$2,295	D-49
	RIMFIRE 75 COMBINATION	\$1,745	D-49
Codata Systems Corp.	SMD WINCHESTER	\$1,365	D-49
	ST 508	\$1,335	D-49
Compatible Computer Corp.	HDC 5/8	\$795	D-49
CompuPro Corp.	DISK 2/SELECTOR CHANNEL	\$795 to \$895	D-49
	DISK 3	\$795 to \$890	D-49
Control Data Corp.	CONTROL DATA 38800	\$46,000 to \$63,620	D-50
Cray Research, Inc.	DCU-3	\$125,000	D-50
	DCU-4	\$70,000	D-50
Cynthia Peripheral Corp.	2100	\$1,100	D-51
	2101	\$900	D-51
Data Engineering, Inc.	CC550	\$7,500	D-51
	CC551	\$8,400	D-51
Datamac Peripheral Products	DISK CONTROLLER	N/A	D-51
Dataplex, Inc.	MODEL 102 PRIAM CONTROLLER	\$8,662	D-51
Dataram Corp.	S04/A	\$2,650	D-51
	S04/A1	\$2,650	D-51
	S04/B	\$2,650	D-51
	S04/D	\$2,650	D-51
	S34/A	\$3,705	D-51
	S34/D	\$3,705	D-51
Data Systems Design, Inc.	5215	\$1,295	D-52
	5217	\$1,295	D-52
	6217	\$1,295	D-52
	7215	\$1,295	D-52
	7217	\$1,295	D-52
	MULTIBUS 5215	\$1,295	D-52
	MULTIBUS 7215	\$1,295	D-52
Datsystems Corp.	DISK CONTROLLER 5121	\$1,995	D-52
	DISK CONTROLLER 5122	\$1,995	D-52
Data Technology Corp.	DTC101D	\$675	D-52
	DTC510A	\$440	D-52
	DTC520A	\$500	D-52
	DTC535A	\$500	D-52
	DTC540	\$895	D-52
	DTC600	\$775	D-52
	DTC615	\$430	D-52
	DTC703	\$775	D-52
	DTC900	\$775	D-52
	DTC5150	\$475	D-52
Datum, Inc.	CARTRIDGE DISK CONTROLLER 4009	\$3,725	D-53
	SMD DISK CONTROLLER 65012	\$3,500	D-53
	SMD DISK CONTROLLER 65020	\$4,800	D-53
	SMD DISK CONTROLLER 65020V	\$5,750	D-53
	SMD DISK CONTROLLER 65021	\$4,800	D-53
	SMD DISK CONTROLLER 65027	\$7,750	D-53
	SMD DISK CONTROLLER 65030	\$2,800	D-53
	SMD DISK CONTROLLER 65031	\$2,700	D-53
Davong Systems, Inc.	HARD DISK CONTROLLER-E	\$1,995	D-53
	HARD DISK CONTROLLER-I	\$1,845	D-53
	MULTIFUNCTION BOARD	\$595	D-53
Delta Systems, Inc.	HP/D	N/A	D-54

Controller Index

VENDOR	MODEL	PRICE	PAGE
Digital Development Corp.	DMC	\$2,000	D-54
	DMS-RF11	\$7,600	D-54
	DMS16	\$3,900	D-54
Dilog	DQ100	\$1,520	D-55
	DQ202A	\$2,450	D-55
	DQ214	\$2,295	D-55
	DQ215	\$2,395	D-55
	DQ228	\$3,150	D-55
	DQ404	\$2,050	D-55
	DQ413	\$2,050	D-55
	DQ414	\$2,050	D-55
	DQ604	\$1,395	D-55
	DQ614	\$1,895	D-55
	DQ615	\$2,095	D-55
	DQ634	\$2,095	D-55
	DU100	\$1,520	D-55
	DU215	\$2,695	D-55
	DU218	\$2,595	D-55
Distributed Logic Corp.	DISK CONTROLLER-SMD/O DX200 SERIES	\$2,395 to \$3,150	D-55
	DISK CONTROLLER-ST506/O DQ600 SER.	\$1,895 to \$2,095	D-55
	DISK CONTROLLER DQ400 SERIES	\$1,895 to \$2,050	D-55
D & N Micro Products, Inc.	MODEL 2400-16	\$6,095	D-56
Emulex Corp.	SC02	\$1,900	D-56
	SC03	N/A	D-56
	SC11	N/A	D-56
	SC12	N/A	D-56
	SC21	N/A	D-56
	SC31	N/A	D-56
	SC70	N/A	D-56
	SC750	N/A	D-56
GEN/COMP, Inc.	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
	MODEL 3052	\$1,200	D-57
General Robotics Corp.	MWV11	\$2,000	D-57
	SMV11	\$2,500	D-57
Honeywell, Inc.	MSP-0612	\$64,375	D-57
	MSP-8000	\$46,800	D-57
	MSP-8001	\$64,375	D-57
	MSP-8002	\$64,375	D-57
Ibis Systems, Inc.	5880-3	\$65,050	D-57
	5880-33	\$126,848	D-58
Inner Access Corp.	SCSI-1	\$150	D-58
Integrated Solutions, Inc.	RL101	\$995	D-59
Intel Corp.	ISBC 215G	\$1,500	D-59
	ISBC 220	\$2,500	D-59
Interphase Corp.	MAVERICK SMD PC 80	\$1,895	D-59
	SMD 2180	\$1,995	D-59
	SMD 2181	\$2,050	D-59
	SMD 2190	\$2,250	D-59
Iniarted	DSC-144	\$2,995	D-59
Ithaca Intersystems	HDA	\$300	D-59
Konan Corp.	DAVID JR.	\$294	D-60
	DGC-100	\$395	D-60
	SMC-100	\$998	D-60
	SMC-200	\$565	D-60
	TAISHO	\$895	D-60
Macrolink	201200	\$3,475	D-60
MDB Systems, Inc.	DISK CONTROLLER/MDR-RM11-Q	\$2,800	D-61
	DISK CONTROLLER/MLSI-RM11	\$2,800	D-61
	DISK CONTROLLER 1MDR-RM11-H	\$3,500	D-61
	WINCHESTER/FLOPPY CTRL/MLSI-WFCL	\$1,995	D-61
Measurement Systems & Controls, Inc.	HDC-2900	\$408	D-62
Micro Technology, Inc.	MLV11	N/A	D-63
	MLV11M	N/A	D-63
Miltope Corp.	RK07	\$18,000	D-63
Minicomputer Technology	2410	\$2,200	D-63
	2414	\$2,800	D-63
	2420	\$2,200	D-63
	2425	\$2,800	D-63
	EDC 22	\$3,800	D-63
	EDC 24	\$3,800	D-63
	SMC 12	\$3,400	D-63
	SMC 902	\$2,900	D-63
	SMC 903	\$3,000	D-63
	SMV 15	\$3,400	D-63
	TDC 802	\$2,800	D-63
	TDC 803	\$2,800	D-63
Monitor Dynamics, Inc.	HDC1010	\$500	D-63

Controller Index

VENDOR	MODEL	PRICE	PAGE
Monitor Dynamics, Inc.	HDC1012	\$500	D-63
	HDC1013	\$500	D-63
	HDC2000	\$550	D-63
Morrow Designs	HDC/DMA	\$600	D-64
	HDCA-4	\$695	D-64
Mostek Corp.	MDX-SASI	\$169	D-64
	VME-SASI	\$1,250	D-64
Mountain Computer, Inc.	IBM HARD DISK CONTROLLER	\$450	D-64
NCR Corp.	6530	\$4,100	D-65
	6539 I/O LINK ADAPTOR	\$6,500	D-65
	6559 I/O LINK ADAPTOR	\$18,500	D-65
	6589 I/O LINK ADAPTOR	\$18,530	D-65
OMTI	10G	\$565	D-65
	20C-1	\$275	D-65
	20D	\$350	D-65
	20D-1	\$350	D-65
	MODEL 10A	\$565	D-65
	MODEL 10B	\$695	D-65
	MODEL 20C	\$275	D-65
	MODEL 20C-2	\$275	D-65
	MODEL 20L	\$215	D-65
Onyx & IMI, Inc.	7000 SERIES EIGHT INCH DISK DRIVE	N/A	D-65
	CSH	\$385	D-65
Palm Beach Computers, Inc.	INTEGRAL	\$495	D-65
PCE Systems	FDC-4000	\$895	D-65
Plessey Peripheral Systems	DC02A	\$3,900	D-66
	DC08A	\$3,900	D-66
	DC11A	\$1,345	D-66
	DCV06A	\$3,160	D-66
	DCV11A	\$1,095	D-66
	DCVQ2A	\$3,160	D-66
Priam Corp.	SMART-E	\$520	D-66
Quality Computer Service	BIG BLUE	\$595	D-66
	DSK 62	\$2,499	D-66
	DSK 63	\$2,799	D-66
	DSK 64	\$4,499	D-66
	DSK 65	\$2,999	D-66
	DSK 67	\$4,999	D-66
	DSK 68	\$7,999	D-66
Rianda Electronics	2500 DISK DRIVE CONTROLLER	\$3,800	D-67
	2570 DISK DRIVE CONTROLLER	\$3,100	D-67
	2910 DISK DRIVE CONTROLLER	\$1,900	D-68
Rosscomp Corp.	C160	\$1,750	D-68
	C163	\$199	D-68
Scientific Micro Systems	FWD0101	\$2,400	D-68
	FWD0106	\$2,100	D-68
	FWD1106	\$2,100	D-68
	FWD5001	\$1,400	D-68
	FWD8001	\$1,500	D-68
	FWD8006	\$1,400	D-68
SD Systems, Inc.	FWIII	\$895	D-68
S. Goldman Co.	PM-3010	\$750	D-68
Shugart Associates, Inc.	SA1401	\$612	D-68
	SA1401-1	\$612	D-68
	SA1403	\$1,003	D-68
	SA1403D	\$861	D-68
	SA1403D-1	\$861	D-68
	SA1403E	\$861	D-68
	SA1410A	\$299	D-68
	SA1420A	\$487	D-68
	SA1601	\$366	D-68
	SA1603	\$481	D-68
	SA1610	\$312	D-68
	SA1620	\$416	D-68
Sigma Information Systems, Inc.	SDC-RLV12	\$871	D-69
Spectra Logic Corp.	SPECTRA 10	\$2,600	D-69
	SPECTRA 12	\$2,700	D-69
	SPECTRA 14	\$3,100	D-69
	SPECTRA 15	\$2,000	D-69
	SPECTRA 16	\$2,800	D-69
	SPECTRA 20	\$3,200	D-69
	SPECTRA 21	\$3,200	D-69
	SPECTRA 25	\$2,250	D-69
	SPECTRA 30	\$1,150	D-69
	SPECTRA 36	\$1,350	D-69
	SPECTRA 46	\$3,300	D-69
Stratus Computer	D-100	\$6,500	D-69

Controller Index

VENDOR	MODEL	PRICE	PAGE
Sysgen	SC-1000/SC-2000	\$1,000	D-69
	SC-2100/SC-2200	\$1,000	D-69
	SC-2101	\$1,000	D-69
	SC-2111	\$1,000	D-69
	SC-2131	\$1,000	D-69
	SC-2201	\$1,000	D-69
	SC-3000	\$1,000	D-70
System Industries, Inc.	3100	\$13,000 to \$23,500	D-70
	6100	\$11,500 to \$19,000	D-70
	9900	\$14,300 to \$25,000	D-70
Systems Group	HDC-2900	\$408	D-70
Systems Research, Inc.	CP 3680	\$75,000	D-70
Tandem Computers, Inc.	3106	\$10,500	D-70
Telcon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-70
U.S. Design Corp.	MODEL 3450	\$9,995	D-72
Vermont Research Corp.	8421	\$2,275	D-72
	SASI	\$1,000	D-72
Wespacorp	DC-221	N/A	D-72
	DC-231	N/A	D-72
	DC-231A	N/A	D-72
	DC-251	N/A	D-72
	TC-30	\$1,435	D-73
	TC-50	\$1,435	D-73
Western Digital Corp.	WD1002 WINCHESTER/FLOPPY	N/A	D-73
	WD1010 WINCHESTER CONTROLLER	N/A	D-73
	WD1050 SMD CONTROLLER	N/A	D-73
XComp, Inc.	CD/S	\$700	D-73
	SG/S	\$800	D-73
	SM/S	\$700	D-73
	ST/S	\$600	D-73
Xylogics, Inc.	450	\$2,295	D-73
	450	\$2,295	D-73
Zaiex Communications, Inc.	VOICE ENCODER	\$5,000	D-73
Zendex Corp.	ZX-203	\$2,795	D-74
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,950	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Teleprinter Controllers

VENDOR	MODEL	PRICE	PAGE
Applied Dynamics International	SELECTABLE I	\$875	D-46
Applied Systems Corp.	PERIPHERAL CONTROLLER	\$2,000	D-46
Displays Unlimited	MODEL 2000	\$800	D-55
GEN/COMP, Inc.	MODEL 2024	\$525	D-56
	MODEL 2041	\$425	D-56
	MODEL 3021	\$500	D-56
Houdaille Industries	FABRIPOINT V	\$26,000	D-57
Indocomp, Inc.	IND-1900	\$840	D-58
MDB Systems, Inc.	MBI-49-TTY	\$650	D-61
	MDL-11	\$825	D-61
	MDL-11W	\$795	D-61
	MLSI-DLVII	\$475	D-61
	MLSI-DLVII-F	\$350	D-61
	MLSI-DLVII-FX	\$385	D-61
	MULTIPLE I/O BOARD/MDB-M10B-A	\$400	D-61
	PASLA 1 MDB-47-102	\$450	D-61
Rianda Electronics	2600	\$1,900	D-67
Systems Research, Inc.	CP 3680	\$75,000	D-70
Telcon Industries, Inc.	DATAMAX	\$8,000 to \$70,000	D-70
Transwave Corp.	K8070	N/A	D-72
	K8073B X CALIBUR	N/A	D-72
	TC2	N/A	D-72
Zilog, Inc.	SYSTEM 8000 MODEL 31	\$31,950	D-74
	SYSTEM 8000 MODEL 11	\$14,950	D-74
	SYSTEM 8000 MODEL 21	\$22,950	D-74

Controller Index

Other Controllers

VENDOR	MODEL	PRICE	PAGE
Adaptive Data & Energy Systems	GYPSY P	\$1,378	D-43
Alloy Computer Products	ITS-PC	\$1,000	D-44
	ITS-50	\$1,000	D-44
	ITS-80	\$1,000	D-44
	ITS-100	\$1,000	D-44
	OSTU-C	\$750	D-44
	TMD-1	\$1,800	D-44
	TRS-232	\$600 to \$1,500	D-44
Altek Corp.	AC 90C		D-44
	AC 90SM	\$7,000 to \$250,000	D-44
American Computer Hardware Corp.	UPC	\$1,000 to \$2,000	D-44
Amperif	5012	\$73,090	D-44
Applied Dynamics International	SELECTABLE I	\$875	D-46
Astronautics Corp. of America	KEYBOARD VIDEO DISPLAY	\$28,000	D-46
	LINE CONTROL UNIT (LCU)	\$32,000	D-46
California Computer Systems	2834	\$9,500	D-48
Coastal Data Products	MODEL 2000	\$2,100	D-49
	MODEL 3000	\$3,100	D-49
Computer Communications Specialists, Inc.	TASK/1000	\$1,995	D-49
Computer Identities Corp.	LDP-S	\$12,000 to \$75,000	D-50
	LDP-SM	\$12,000 to \$75,000	D-50
	MANUFACTURING TRANSACTION	\$12,000 to \$75,000	D-50
	SORT-A-PAC	\$12,000 to \$75,000	D-50
Computime	CT102	\$99	D-50
Data Engineering, Inc.	P3500	\$56,000	D-51
Data Systems Design, Inc.	5215	\$1,295	D-52
	5217	\$1,295	D-52
	5217	\$1,295	D-52
	7215	\$1,295	D-52
	7217	\$1,295	D-52
Digital Laboratories, Inc.	PC-29	\$1,350	D-54
Digitus Corp.	ELEVATOR ANNOUNCER I	\$2,000	D-54
	ELEVATOR ANNOUNCER II	\$500	D-54
Diing	DQ130	\$1,550	D-55
	DQ132	\$2,050	D-55
GEN/COMP, Inc.	DU130	\$1,550	D-55
	MODEL 2023	\$1,350	D-56
	MODEL 2025	\$700	D-56
General Digital Industries, Inc.	DMA-700	\$3,495	D-57
General Robotics Corp.	DRVII	\$250	D-57
	STV11	\$1,500	D-57
Heurikon Corp.	MLZ-VDC	\$2,975	D-57
Honeywell, Inc.	URP-0600	\$26,585	D-57
	URP-8001	\$6,500	D-57
	URP-8002	\$4,000	D-57
Ideographix, Inc.	IPX KEYBOARD CONTROLLER	\$2,000	D-58
Information Products Systems	IPS 7016	\$14,500	D-58
MDB Systems, Inc.	CARD READER CONTROL/MDB-4016	\$1,100	D-61
	CARD READER CONTROL/MDB-46-235	\$875	D-61
	CARD READER CONTROLLER/MDB-CR11	\$875	D-61
	CARD READER CONTROL/MLSI-CR11	\$850	D-61
	INCREMENTAL PLOTTER CTRL/MDB-XYII	\$1,250	D-61
	PAPER TAPE CONTROL/MDB-PC11	\$750	D-61
	PAPER TAPE CTRL/MLSI-PCII	\$750	D-62
Mental Logic Laboratories	PRINTER PLOTTER CONTROL/MDB-LVII	\$1,450	D-62
	DG1-083	\$1,200	D-62
	DG1-083	\$1,200	D-62
	DGP-64	\$1,200	D-62
	DGP-444	\$1,500	D-62
National Semiconductor Corp.	BLC-8229	\$800	D-64
Raster Technologies	THE MODEL ONE/25	\$10,000 to \$20,000	D-67
	THE MODEL ONE/40	\$10,000 to \$20,000	D-67
	THE MODEL ONE/65	\$10,000 to \$20,000	D-67
Rianda Electronics	2600	\$1,900	D-67
Smoke Signal Broadcasting	PSA-1	\$1,450	D-69
Sysgen	SC-2100/SC-2200	\$1,000	D-69
	SC-3000	\$1,000	D-70
	SC-4000	\$300	D-70
Tandem Computers, Inc.	3401	\$2,800	D-70
TRT Data Products	DATA ROUTER	\$8,000	D-72

Controllers

ABLE COMPUTER

DH/DM

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 16
Programmable: Yes
Price: \$3,750
(See Vendor Profile Page V-1)

ABLE COMPUTER

Q/DH

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 16
Programmable: Yes
Price: \$1,950

ABLE COMPUTER

VMZLP

Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics
Units Controlled: 1
Programmable: No
Price: \$1,595

ACC

IF-11/9700

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
DEC VAX-11, PDP-11; Xerox 9700,
8700
Units Controlled: 1
Programmable: No
Price: \$15,000
(See Vendor Profile Page V-1)

ACTION COMPUTER

MPC100

Controller Type: Add-in, Add-on
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Discovery 500, 1600
Units Controlled: 1
Programmable: Yes
(See Vendor Profile Page V-1)

ADAPTEC, INC.

ACB-4000

Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: No
Price: \$200
(See Vendor Profile Page V-1)

ADAPTEC, INC.

ACB-5500

Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 4
Price: \$300

ADAPTEC, INC.

ACB-5800

Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart SA1000
Units Controlled: 4
Price: \$300

ADAPTEC, INC.

AIC-100

Controller Type: Add-in
Device Controlled: Rigid disk drives
Programmable: Yes
Price: \$100

ADAPTIVE DATA & ENERGY SYSTEMS

GYPSY P

Controller Type: Add-on
Device Controlled: Rigid disk drives,
Streamer Tape
Specific Equipment Supported:
Pnam 3450, 7050, 3350, 6650
Units Controlled: 5
Programmable: No
Price: \$1,378
(See Vendor Profile Page V-1)

Additional information
provided for by vendor

Adaptive Data & Energy Systems (ADES) Peripheral controllers SCSI to disks, tapes, printers, links and other special controllers for disk with 1/4-in. streamer backing.

ADAPTIVE DATA & ENERGY SYSTEMS

GYPSY 5

Controller Type: Add-on
Device Controlled: Rigid disk
drives
Units Controlled: 5
Programmable: No
Price: \$1,378

ADAPTIVE DATA & ENERGY SYSTEMS

PRINTLINK

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics
Units Controlled: 4
Programmable: No
Price: \$500

ADAPTIVE DATA & ENERGY SYSTEMS

ST506

Controller Type: Add-in
Device Controlled: Rigid disk
drives
Units Controlled: 4
Programmable: No
Price: \$532

ADAPTIVE DATA & ENERGY SYSTEMS

ST506/SA400

Controller Type: Add-in
Device Controlled: Floppy disk
drives, Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$677

ADAPTIVE DATA & ENERGY SYSTEMS

TAPELINK

Controller Type: Add-in
Device Controlled: Cassette/
Cartridges Devices
Specific Equipment Supported:
Archive; Wangtek; Cipher;
Rosscomp
Units Controlled: 1
Price: \$484

ADVANCED DIGITAL CORP.

HDC-1001-5

Controller Type: Add-in
Device Controlled: Rigid disk
drives
Units Controlled: 4
Programmable: Yes

Price: \$450

(See Vendor Profile Page V-1)

ADVANCED DIGITAL CORP.

HDC-1001-8

Controller Type: Add-in
Device Controlled: Rigid disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$450

ADVANCED ELECTRONICS DESIGN, INC.

FLEX 02

Controller Type: Add-on
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Gume
Units Controlled: 2
Programmable: Yes
Price: \$1,220
(See Vendor Profile Page V-1)

ADVANCED ELECTRONICS DESIGN, INC.

WINC 05

Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Seagate; Rodine
Units Controlled: 2
Programmable: Yes
Price: \$1,995

ADVANCED ELECTRONICS DESIGN, INC.

WINC 05-8

Device Controlled: Floppy disk
drives, Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$1,995

ADVANCED ELECTRONICS DESIGN, INC.

WINC 08

Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Gume, Fujitsu
Units Controlled: 2
Programmable: Yes
Price: \$2,630

ADVANCED LOGIC SYSTEMS, INC.

COLOR II

Controller Type: Add-in
Device Controlled: Display terminals
Specific Equipment Supported:
RGB
Units Controlled: 1
Programmable: No
Price: \$179
(See Vendor Profile Page V-1)

ADVANCED LOGIC SYSTEMS, INC.

DISPATCHER

Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Units Controlled: 1
Programmable: No
Price: \$139

ADVANCED LOGIC SYSTEMS, INC.

PRINTNIMATE

Controller Type: Add-in

Device Controlled: Printers

Specific Equipment Supported:
Centronics
Units Controlled: 1
Programmable: No
Price: \$99

ADVANCED LOGIC SYSTEMS, INC.

SMARTERM II

Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 1
Programmable: No
Price: \$179

AEROCOMP, INC.

DOUBLE DENSITY CONTROLLER

Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Radio Shack
Units Controlled: 1
Programmable: No
Price: \$139
(See Vendor Profile Page V-1)

AGILE CORP.

LC-36

Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Burroughs Poll-Select
Units Controlled: 1
Programmable: No
Price: \$995
(See Vendor Profile Page V-1)

AGILE CORP.

LC-3000

Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
HP MTS-3000
Units Controlled: 3
Programmable: No
Price: \$1,595 to \$2,995

AGILE CORP.

MODEL 5287

Controller Type: Add-on
Device Controlled: Printers, Plots
ters
Units Controlled: 1
Programmable: No
Price: \$2,500
(See Vendor Profile Page V-1)

ALLOY COMPUTER PRODUCTS

CP-8000

Controller Type: Add-on
Device Controlled: Magnetic
Tape Drives
Specific Equipment Supported:
CDC Sentinel
Units Controlled: 1
Programmable: No
Price: \$895
(See Vendor Profile Page V-1)

ALLOY COMPUTER PRODUCTS

DM-61

Controller Type: Add-in
Device Controlled: Magnetic
Tape Drives, Cassette/
Cartridges Devices
Specific Equipment Supported:
DEI
Units Controlled: 1

Controllers

Programmable: Yes
Price: \$850

ALLOY COMPUTER PRODUCTS

DP-8000
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DEI
Units Controlled: 1
Price: \$1,050

ALLOY COMPUTER PRODUCTS

DRS-232
Controller Type: Add-on
Device Controlled: Cassette/Cartridges Devices
Specific Equipment Supported: DEI
Units Controlled: 1
Programmable: Yes
Price: \$1,150

ALLOY COMPUTER PRODUCTS

DS-190
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DEI
Units Controlled: 1
Programmable: No
Price: \$650

ALLOY COMPUTER PRODUCTS

DZ-40B
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DEI
Units Controlled: 1
Programmable: No
Price: \$600

ALLOY COMPUTER PRODUCTS

DXS-190
Controller Type: Add-in
Device Controlled: Rigid disk drives, Magnetic Tape Drives
Specific Equipment Supported: DEI, Micropolis
Units Controlled: 1
Programmable: No
Price: \$950

ALLOY COMPUTER PRODUCTS

ITS-PC
Controller Type: Add-in
Device Controlled: Microstreamer
Specific Equipment Supported: Cipher
Units Controlled: 1
Programmable: No
Price: \$1,000

ALLOY COMPUTER PRODUCTS

ITS-S0
Controller Type: Add-in
Device Controlled: Microstreamer
Specific Equipment Supported: Cipher
Units Controlled: 1
Programmable: No
Price: \$1,000

ALLOY COMPUTER PRODUCTS

ITS-80
Controller Type: Add-in
Device Controlled: Microstreamer

Specific Equipment Supported: Cipher
Units Controlled: 1
Programmable: No
Price: \$1,000

ALLOY COMPUTER PRODUCTS

ITS-100
Controller Type: Add-in
Device Controlled: Microstreamer
Specific Equipment Supported: Cipher
Units Controlled: 1
Programmable: No
Price: \$1,000

ALLOY COMPUTER PRODUCTS

LSI-50
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: CDC Sentinel
Units Controlled: 1
Programmable: No
Price: \$1,195

ALLOY COMPUTER PRODUCTS

OSBU-1A
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DEI
Units Controlled: 1
Programmable: No
Price: \$950

ALLOY COMPUTER PRODUCTS

OSTU-C
Controller Type: Add-in
Device Controlled: Microstreamer
Specific Equipment Supported: Cipher
Units Controlled: 1
Programmable: No
Price: \$750

ALLOY COMPUTER PRODUCTS

PCBACK-UP
Controller Type: Add-in
Device Controlled: Cassette/Cartridges Devices
Specific Equipment Supported: Digidata
Units Controlled: 1
Programmable: No
Price: \$1,395

ALLOY COMPUTER PRODUCTS

TMD-1
Controller Type: Add-in
Device Controlled: Microstreamer
Specific Equipment Supported: Cipher
Units Controlled: 1
Programmable: No
Price: \$1,800

ALLOY COMPUTER PRODUCTS

TRS-232
Controller Type: Add-on
Device Controlled: Microstreamer
Specific Equipment Supported: Cipher
Units Controlled: 1
Programmable: Yes
Price: \$1,800

ALPHA DATA, INC.

ADC-II
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Alphadata, DEC PDP-11
Units Controlled: 3
Programmable: No
Price: \$3,850
(See Vendor Profile Page V-2)

ALPHA DATA, INC.

ADC-NE
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: DG Series 234, Eclipse; Alphadata
Units Controlled: 1
Programmable: No
Price: \$2,750

ALTEK CORP.

AC 90C
Controller Type: Add-on
Device Controlled: Graphic
Specific Equipment Supported: Altek
Units Controlled: 1
Price: \$600 to \$1,500
(See Vendor Profile Page V-2)

ALTEK CORP.

AC 90SD
Controller Type: Add-on
Device Controlled: Display terminals, Floppy disk drives
Units Controlled: 2
Programmable: No
Price: \$9,000 to \$10,500

ALTEK CORP.

AC 90SM
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives, Digitizing Tablet
Specific Equipment Supported: Altek
Units Controlled: 1
Programmable: No
Price: \$7,000 to \$250,000

AMDAHL CORP.

6880 MODEL 2
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Amdahl 6280
Units Controlled: 36
Programmable: No
Price: \$77,300
(See Vendor Profile Page V-2)

AMERICAN COMPUTER HARDWARE CORP.

IJC
Controller Type: Add-on
Device Controlled: Printers, Display terminals, Plotters, Magnetic Tape Drives, Cassette/Cartridges Devices, Card Reader
Units Controlled: 2
Programmable: No
Price: \$1,000 to \$2,000
(See Vendor Profile Page V-2)

AMPAK BUSINESS SYSTEMS, INC.

624006-1
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: Dataproducts, Centronics, Xerox
Units Controlled: 4
Programmable: No

Price: \$3,995
(See Vendor Profile Page V-2)

AMPAK BUSINESS SYSTEMS, INC.

624006-2
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: No
Price: \$4,995

AMPAK BUSINESS SYSTEMS, INC.

624006-3
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: Dataproducts
Units Controlled: 1
Programmable: No
Price: \$7,895

AMPAK BUSINESS SYSTEMS, INC.

624006-4
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: Dataproducts
Units Controlled: 1
Programmable: No
Price: \$9,750

AMPAK BUSINESS SYSTEMS, INC.

624006-5
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: Dataproducts, Centronics
Units Controlled: 1
Programmable: No
Price: \$13,950

AMPAK BUSINESS SYSTEMS, INC.

624006-6
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: Xerox 2700
Units Controlled: 2
Programmable: No
Price: \$23,000

AMPERIF

5012
Controller Type: Add-on
Specific Equipment Supported: Amperif SSD 434, Amperif SSD 1782
Units Controlled: 8
Programmable: No
Price: \$73,090
(See Vendor Profile Page V-2)

AMPERIF

5046
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Amperif 84502, Masstor
Units Controlled: 32
Programmable: No
Price: \$83,760

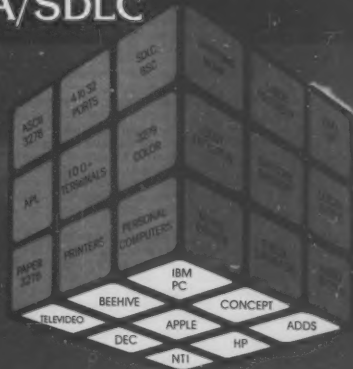
ANDROMEDA SYSTEMS, INC.

WDC11
Controller Type: Add-in
Device Controlled: Floppy disk drives, Rigid disk drives
Units Controlled: 4
Programmable: No

ASCII Terminals and Personal Computers To 3270 SNA/SDLC



Others



Renex

- 4, 8, 12, 16, 20, 24, 32, asynchronous ports
- Full (seven) color and extended highlighting
- Multiplex printer and terminal on one modem
- Password protection
- Graphics passthrough
- Menu driven setup and configuration
- Dialup or direct connect
- ABRD to 19,200 baud
- Personal computer emulators
- Single board OEM models available



Renex
has the solution.



RENEX
CORPORATION

6901 Old Keene Mill Road,
Springfield, VA 22150

(703) 451-2200 TWX 710-831-0237

Controllers

Price: \$2,000
(See Vendor Profile Page V-3)

APPLIED DYNAMICS INTERNATIONAL SELECTABLE I

Controller Type: Add-on
Device Controlled: Printers,
Teleprinters, Display terminals,
Memory Devices, Keyboard
Specific Equipment Supported:
LSI, DEC, Hazeltine
Units Controlled: 16
Programmable: Yes
Price: \$875
(See Vendor Profile Page V-3)

APPLIED SYSTEMS CORP. COMMUNICATIONS CONTROLLER ASC/80

Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
IBM 4300, 3080X, System 38
Units Controlled: 8
Programmable: Yes
Price: \$2,500
(See Vendor Profile Page V-3)

APPLIED SYSTEMS CORP. PERIPHERAL CONTROLLER

Controller Type: Add-in, Add-on
Device Controlled: Printers,
Teleprinters, Display terminals,
Floppy disk drives, Rigid disk drives,
Plotters, Magnetic Tape Drives,
Cassette/Cartridges Devices,
Memory Devices
Specific Equipment Supported:
DEC VAX-11; IBM 4300, 3080X,
11/70
Units Controlled: 4
Programmable: Yes
Price: \$2,000

ARDENT COMPUTER PRODUCTS, INC.

10 MB DISK CONTROLLER D1000
Controller Type: Add-in, Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Diablo 44
Units Controlled: 4
Programmable: No
Price: \$1,800
(See Vendor Profile Page V-4)

**ARDENT COMPUTER
PRODUCTS, INC.**
IMBEDDED SMD/CMD DISK D3000
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$4,000

**ARDENT COMPUTER
PRODUCTS, INC.**
LINE PRINTER CONTROLLER
L1000
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Syntronix, Dataproducts
Units Controlled: 1
Programmable: No
Price: \$1,000

**ARDENT COMPUTER
PRODUCTS, INC.**
LINE PRINTER CONTROLLER
L1100
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:

Syntronix, Dataproducts
Units Controlled: 1
Programmable: No
Price: \$1,300

ARDENT COMPUTER PRODUCTS, INC. LINE PRINTER CONTROLLER L1300

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Printonix, Syntronix
Units Controlled: 1
Programmable: No
Price: \$1,500

ARDENT COMPUTER PRODUCTS, INC. MAGNETIC TAPE CONTROLLER T1000

Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Perics
Units Controlled: 8
Price: \$2,000

ARDENT COMPUTER PRODUCTS, INC.

SMD/CMD DISK D2000
Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 4
Price: \$6,000

ASTRONAUTICS CORP. OF AMERICA COLORGRAPHIC TERMINAL

Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 1
Programmable: Yes
Price: \$20,000
(See Vendor Profile Page V-4)

ASTRONAUTICS CORP. OF AMERICA KEYBOARD VIDEO DISPLAY

Controller Type: Add-in
Device Controlled: Printers, Optical
Scanners
Specific Equipment Supported:
Intel, Tempest, Pnam
Units Controlled: 2
Programmable: Yes
Price: \$2,000

ASTRONAUTICS CORP. OF AMERICA KVD WORD PROCESSOR

Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart
Units Controlled: 2
Programmable: No
Price: \$18,000

ASTRONAUTICS CORP. OF AMERICA LINE CONTROL UNIT (LCU)

Controller Type: Add-in
Device Controlled: Printers, Display
terminals, Rigid disk drives, Magnetic
Tape Drives, Card Reader
Units Controlled: 15
Programmable: No
Price: \$32,000

ATEX, INC.

ATEX
Controller Type: Add-in

Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:

Kennedy
Units Controlled: 1
Programmable: Yes
(See Vendor Profile Page V-4)

AVIV CORP.

DEC 907 LSI-11 Q-BUS
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
Programmable: Yes
Price: \$2,850
(See Vendor Profile Page V-4)

AVIV CORP.

DFC 607-VAX 750 CMIBUS
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC VAX-11/750
Units Controlled: 4
Programmable: Yes
Price: \$8,200

AVIV CORP.

DFC 807 PDP-11 UNIBUS
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 4
Programmable: Yes
Price: \$2,850

AVIV CORP.

DFC 808-PDP-11 UNIBUS
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 4
Programmable: Yes
Price: \$3,600

AVIV CORP.

TEC 712
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: DG
Nova, Eclipse
Units Controlled: 8
Programmable: Yes
Price: \$3,500

AVIV CORP.

TEC 822-NR2I/PE
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC PDP-11/VAX
Units Controlled: 8
Programmable: Yes
Price: \$3,500

AVIV CORP.

TFC 705/715 GCR
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: DG
Nova, Eclipse
Units Controlled: 4
Programmable: Yes
Price: \$9,450

AVIV CORP.

TFC 706-GCR TRIDENSITY
Controller Type: Add-in

Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: DG
Nova, Eclipse
Units Controlled: 4
Programmable: Yes
Price: \$9,850

AVIV CORP.

TFC 805/815 GCR TRIDENSITY
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC PDP-11/VAX
Units Controlled: 4
Programmable: Yes
Price: \$8,725

AVIV CORP.

TFC 806 GCR TRIDENSITY
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC PDP-11/VAX
Units Controlled: 4
Programmable: Yes
Price: \$9,100

AVIV CORP.

TFC 832-STREAMING COUPLER
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC PDP-11/VAX
Units Controlled: 4
Programmable: Yes
Price: \$1,850

AVIV CORP.

TFC 903-GCR 1/4 CARTRIDGE
Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
Programmable: Yes
Price: \$1,850

AVIV CORP.

TFC 922-NR2I/PE
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 8
Programmable: Yes
Price: \$3,500

BALL ELECTRONIC SYSTEMS DIVISION

3120
Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported:
Wangco, Perics, Cipher
Units Controlled: 4
Programmable: No
Price: \$3,500
(See Vendor Profile Page V-4)

BALL ELECTRONIC SYSTEMS DIVISION

3170
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Dynex Series 600, Diablo Series 40,
Wangco
Units Controlled: 4
Programmable: No
Price: \$4,000

Controllers

BALL ELECTRONIC SYSTEMS DIVISION

3180

Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported:
Wangco, Cipher, Pertec
Units Controlled: 4
Programmable: No
Price: \$4,400

BALL ELECTRONIC SYSTEMS DIVISION

3255

Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$5,000

BDS CORP.

BPI-80

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics,
Pintronics
Units Controlled: 1
Programmable: Yes
Price: \$1,295
(See Vendor Profile Page V-4)

BDS CORP.

CSI-51

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics,
Centronics
Units Controlled: 1
Programmable: Yes
Price: \$995

BDS CORP.

DGC-40

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics,
Pintronics
Units Controlled: 1
Programmable: Yes
Price: \$995

BDS CORP.

DGC-50

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Pintronics, Dataproducts,
Centronics
Units Controlled: 1
Programmable: Yes
Price: \$2,000

BDS CORP.

HPC-21

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Pintronics, Centronics,
Dataproducts
Units Controlled: 1
Programmable: Yes
Price: \$995

BDS CORP.

HPC-30

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Pintronics,
Centronics
Units Controlled: 1

Programmable: Yes

Price: \$2,595

BDS CORP.

HPC-33

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Pintronics, Centronics,
Dataproducts
Units Controlled: 1
Programmable: Yes
Price: \$2,595

BDS CORP.

HPI-33

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics,
Pintronics
Units Controlled: 1
Programmable: Yes
Price: \$2,595

BDS CORP.

IBI-34

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Pintronics, Centronics,
Dataproducts
Units Controlled: 1
Programmable: Yes
Price: \$2,595

BDS CORP.

IBI-78

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Pintronics, Centronics,
Dataproducts
Units Controlled: 1
Programmable: Yes
Price: \$2,595

BDS CORP.

LPC-03

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics,
Pintronics
Units Controlled: 1
Programmable: Yes
Price: \$595

BDS CORP.

LPC-11

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Pintronics,
Centronics
Units Controlled: 1
Programmable: Yes
Price: \$795

BDS CORP.

LPC-20

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics,
Pintronics
Units Controlled: 1
Programmable: Yes
Price: \$2,595

BDS CORP.

NPC-20

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:

Dataproducts, Centronics,

Pintronics

Units Controlled: 1

Programmable: Yes

Price: \$1,500

BENSON, INC.

GRAPHWARE II

Controller Type: Add-in, Add-on
Device Controlled: Plotters
Specific Equipment Supported:
Benson
Units Controlled: 1
Programmable: No
Price: \$10,000 to \$12,000
(See Vendor Profile Page V-5)

BENSON, INC.

GRAPHWARE 1000

Controller Type: Add-on
Device Controlled: Floppy disk
drives, Plotters
Specific Equipment Supported:
Benson 9000 Series
Units Controlled: 2
Programmable: No
Price: \$750

BENSON, INC.

GRAPHWARE 2000

Controller Type: Add-on
Device Controlled: Plotters
Specific Equipment Supported:
Benson 9000 Series
Units Controlled: 2
Programmable: No
Price: \$20,000

BGL TECHNOLOGY CORP.

BTC-102

Controller Type: Add-on
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart 800, 850, 810, 860
Units Controlled: 2
Programmable: Yes
Price: \$750
(See Vendor Profile Page V-5)

BIT 3 COMPUTER CORP.

DUAL-COMM CARD

Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 2
Programmable: Yes
Price: \$249
(See Vendor Profile Page V-5)

BRAEGEN CORP.

BR11

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11, VAX-11/730
Units Controlled: 4
Programmable: No
(See Vendor Profile Page V-5)

BRAEGEN CORP.

BR750

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC, DEC VAX-11/750
Units Controlled: 8
Programmable: No

BRAEGEN CORP.

BR1830

Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC, DEC PDP-11/70, VAX11/780,
System 10

Units Controlled: 4

Programmable: Yes

Price: \$11,000

BURROUGHS CORP.

B91

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Burroughs
Units Controlled: 4
Programmable: Yes
Price: \$18,000
(See Vendor Profile Page V-5)

BURROUGHS CORP.

B92

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Burroughs
Units Controlled: 4
Programmable: Yes
Price: \$21,000

BURROUGHS CORP.

B93

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Burroughs
Units Controlled: 4
Programmable: Yes
Price: \$18,000

BURROUGHS CORP.

B96

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Burroughs
Units Controlled: 4
Programmable: Yes
Price: \$38,000

BURROUGHS CORP.

CP 9558

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Burroughs
Units Controlled: 32
Programmable: Yes
Price: \$29,400

BURROUGHS CORP.

CP 9582

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Burroughs
Units Controlled: 58
Programmable: Yes
Price: \$45,000

BYTEK COMPUTER SYSTEMS

CORP.

MULTIPROGRAMMER SYSTEM S-

15F

Controller Type: Add-on
Device Controlled: Memory Devices
Specific Equipment Supported:
Intel, Fujitsu, National
Semiconductor, Fairchild
Units Controlled: 1
Programmable: Yes
Price: \$945
(See Vendor Profile Page V-5)

BYTEK COMPUTER SYSTEMS

CORP.

MULTIPROGRAMMER SYS S-15P

Controller Type: Add-on
Device Controlled: Memory Devices
Specific Equipment Supported:

Controllers

Intel, National Semiconductor, Fujitsu, Fairchild
Units Controlled: 1
Programmable: Yes
Price: \$645

BYTEK COMPUTER SYSTEMS CORP.

MULTIPROGRAMMER SYSTEM 5-11A
Controller Type: Add-on
Device Controlled: Memory Devices
Specific Equipment Supported: Intel, Fujitsu, National Semiconductor, Fairchild
Units Controlled: 1
Programmable: Yes
Price: \$445

BYTRONIX CORP.

B234 DISC CONTROLLER
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: DG 4234
Units Controlled: 4
Programmable: No
Price: \$1,068
(See Vendor Profile Page V-5)

BYTRONIX CORP.

B450 DISC CONTROLLERS
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: CDC
Units Controlled: 4
Programmable: No
Price: \$1,450

BYTRONIX CORP.

M234
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Micron System
Units Controlled: 2
Programmable: No
Price: \$1,200

BYTRONIX CORP.

M450
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Micron System
Units Controlled: 2
Programmable: No
Price: \$1,200

BYTRONIX CORP.

M523
Controller Type: Add-on
Device Controlled: Rigid disk drives, Magnetic Tape Drives
Specific Equipment Supported: Micron System
Units Controlled: 2
Programmable: No
Price: \$1,200

BYTRONIX CORP.

M550
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Micron System
Units Controlled: 2
Programmable: No
Price: \$1,200

CALIFORNIA COMPUTER SYSTEMS

2422-01

Controller Type: Add-in
Device Controlled: Floppy disk drives
Units Controlled: 4
Programmable: No
Price: \$395
(See Vendor Profile Page V-6)

CALIFORNIA COMPUTER SYSTEMS

2422-02
Device Controlled: Floppy disk drives
Units Controlled: 4
Programmable: No
Price: \$595

CALIFORNIA COMPUTER SYSTEMS

2832
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Oume, Shugart, Disktron
Units Controlled: 2
Programmable: Yes
Price: \$1,425

CALIFORNIA COMPUTER SYSTEMS

2834
Controller Type: Add-in
Device Controlled: Streamer Tape
Specific Equipment Supported: Archive
Units Controlled: 1
Programmable: No
Price: \$9,500

CALLAN DATA SYSTEMS

CWC-798
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$1,395
(See Vendor Profile Page V-6)

CALLAN DATA SYSTEMS

GRAPHICS CONTROLLER
Controller Type: Add-in
Device Controlled: Display terminals
Specific Equipment Supported: Callan
Units Controlled: 1
Programmable: Yes
Price: \$1,450

CALLAN DATA SYSTEMS

MULTIBUS FLOPPY DISK CONTROLLER
Controller Type: Add-in
Device Controlled: Floppy disk drives
Units Controlled: 4
Programmable: No
Price: \$750

CANDID LOGIC, INC.

101636
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Tandem, Shugart
Units Controlled: 14
Programmable: Yes
Price: \$230
(See Vendor Profile Page V-6)

CARDAMATION CO.

11AP
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:

DEC PDP-11, LA-120, LA 180
Units Controlled: 1
Programmable: No
Price: \$520
(See Vendor Profile Page V-6)

CARDAMATION CO.

11GP
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: DEC PDP 11, GE Terminus
Units Controlled: 1
Programmable: No
Price: \$520

CARDAMATION CO.

21AP
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: DEC LSI-11, LA-120, LA180
Units Controlled: 1
Programmable: No
Price: \$470

CARDAMATION CO.

21CP
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: DEC LSI-11, Centronics
Units Controlled: 1
Programmable: No
Price: \$470

CARDAMATION CO.

21DP
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: Dataproducts, DEC LSI-11
Units Controlled: 1
Programmable: No
Price: \$470

CARDAMATION CO.

21GP
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: DEC LSI-11, GE Terminus
Units Controlled: 1
Programmable: No
Price: \$470

CENTRAL DATA CORP.

B1015
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Tandem
Units Controlled: 4
Programmable: Yes
Price: \$375
(See Vendor Profile Page V-6)

CENTRAL DATA CORP.

B1015/2001
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Tandem
Units Controlled: 4
Programmable: Yes
Price: \$4,195

CENTRAL DATA CORP.

B1015/D2000
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported:

Shugart 850/800
Programmable: Yes
Price: \$2,735

CENTRAL DATA CORP.

B1023
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Ansi, Prism
Units Controlled: 4
Programmable: Yes
Price: \$530

CENTRAL DATA CORP.

B1026
Controller Type: Add-on
Device Controlled: Rigid disk drives, Cassette/Cartridges Devices
Specific Equipment Supported: IMI, Archive
Units Controlled: 6
Programmable: No
Price: \$310

CGRS MICROTECH, INC.

C340-2
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: CGRS
Units Controlled: Yes
Price: \$199
(See Vendor Profile Page V-6)

CGRS MICROTECH, INC.

C540-1
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: CGRS
Units Controlled: 3
Programmable: Yes
Price: \$199

CGRS MICROTECH, INC.

C877-1
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: CGRS
Units Controlled: 3
Programmable: Yes
Price: \$199
(See Vendor Profile Page V-6)

CIPRICO, INC.

PICOMATE
Controller Type: Add-in
Device Controlled: Cassette/Cartridges Devices
Specific Equipment Supported: Kennedy 6450, 6455
Units Controlled: 2
Programmable: Yes
Price: \$1,313
(See Vendor Profile Page V-7)

CIPRICO, INC.

RIMFIRE 38A COMBINATION
Controller Type: Add-in
Device Controlled: Rigid disk drives, Magnetic tape drives
Specific Equipment Supported: Prism
Units Controlled: 4
Programmable: Yes
Price: \$1,895

CIPRICO, INC.

RIMFIRE 38AD
Controller Type: Add-in

Controllers

Device Controlled: Rigid disk drives
Specific Equipment Supported:
Prim
Units Controlled: 4
Programmable: Yes
Price: \$1,603

CIPRICO, INC.
RIMFIRE 44 (COMBINATION)
Controller Type: Add-in
Device Controlled: Rigid disk drives,
Cassette/Cartridges Devices
Specific Equipment Supported:
Archive QIC2, Cipher QIC24
Units Controlled: 12
Programmable: Yes
Price: \$1,795

CIPRICO, INC.
RIMFIRE 44D
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 8
Programmable: Yes
Price: \$1,603

CIPRICO, INC.
RIMFIRE 44T
Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported:
Archive QIC2, Cipher QIC24
Units Controlled: 4
Programmable: Yes
Price: \$1,665

CIPRICO, INC.
RIMFIRE 45 (COMBINATION)
Controller Type: Add-in
Device Controlled: Rigid disk drives,
Magnetic tape drives
Units Controlled: 12
Programmable: Yes
Price: \$1,895

CIPRICO, INC.
RIMFIRE 50D
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: Yes
Price: \$2,295

CIPRICO, INC.
RIMFIRE 75 (COMBINATION)
Controller Type: Add-in
Device Controlled: Rigid disk drives,
Cassette/Cartridges Devices
Specific Equipment Supported: 3M
HCD 75/60
Units Controlled: 12
Programmable: Yes
Price: \$1,745

CIPRICO, INC.
RIMFIRE 75T
Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported: 3M
HCD 75/60
Units Controlled: 4
Programmable: Yes
Price: \$1,130

CIPRICO, INC.
TAPEMASTER
Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Units Controlled: 8
Programmable: Yes
Price: \$1,688

COASTAL DATA PRODUCTS
MODEL 2000
Controller Type: Add-on
Device Controlled: Smart Clock
Units Controlled: 256
Programmable: No
Price: \$2,100
(See Vendor Profile Page V-7)

COASTAL DATA PRODUCTS
MODEL 3000
Controller Type: Add-on
Device Controlled: Smart Clock
Units Controlled: 256
Programmable: No
Price: \$3,100

CODATA SYSTEMS CORP.
FDC-0100
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Tandem
Units Controlled: 4
Programmable: Yes
Price: \$420
(See Vendor Profile Page V-7)

CODATA SYSTEMS CORP.
SCC 0800
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Units Controlled: 18
Programmable: Yes
Price: \$13,500

CODATA SYSTEMS CORP.
SMD WINCHESTER
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Codat 3300
Units Controlled: 4
Programmable: Yes
Price: \$1,365

CODATA SYSTEMS CORP.
ST 506
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Seagate, Atari
Units Controlled: 4
Programmable: Yes
Price: \$1,335

COMARK CORP.
MFES
Controller Type: Add-on
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart, Qume, CDC
Units Controlled: 4
Programmable: Yes
Price: \$695
(See Vendor Profile Page V-7)

COMARK CORP.
MS534 SERIAL COMMUNICATIONS
CONT
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Units Controlled: 4
Programmable: Yes
Price: \$550

COMARK CORP.
MT80
Controller Type: Add-on
Device Controlled: Magnetic tape
drives

Specific Equipment Supported:
Digitals, Cipher, Kennedy, Pertec
Units Controlled: 8
Price: \$1,295

COMARK CORP.
MT86
Controller Type: Add-on
Device Controlled: Magnetic tape
drives
Units Controlled: 8
Programmable: Yes
Price: \$1,295

COMBUR CORP.
C1718
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Xerox, CDC, D-PRT
Units Controlled: 1
Programmable: No
Price: \$4,800
(See Vendor Profile Page V-7)

COMBUR CORP.
C3900
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Xerox, CDC, Dataproducts, D-PRT
Units Controlled: 1
Programmable: No
Price: \$5,800

COMBUR CORP.
C4788
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, CDC, Xerox, D-PRT
Units Controlled: 1
Programmable: No
Price: \$4,800

COMBUR CORP.
C6768
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
CDC, Dataproducts, D-PRT, Xerox
Units Controlled: 1
Programmable: No
Price: \$7,200

COMBUR CORP.
C7900
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
CDC, Xerox, Dataproducts, D-PRT
Units Controlled: 1
Programmable: No
Price: \$7,200

COMBUR CORP.
CX27
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
CDC, Xerox, Dataproducts, D-PRT
Units Controlled: 1
Programmable: No
Price: \$9,050

COMPATABLE COMPUTER
CORP.
FDC 5/8
Controller Type: Add-on
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart, Quantum, Tandem
Units Controlled: 4
Programmable: Yes

Price: \$495
(See Vendor Profile Page V-7)

COMPATABLE COMPUTER
CORP.
HDC 5/8
Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$795

COMPUPRO CORP.
DISK 1
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$495 to \$595
(See Vendor Profile Page V-7)

COMPUPRO CORP.
DISK 2/SELECTOR CHANNEL
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Fujitsu
Units Controlled: 4
Programmable: Yes
Price: \$795 to \$895

COMPUPRO CORP.
DISK 3
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Seagate 500, Shugart SA1100
Units Controlled: 4
Programmable: Yes
Price: \$795 to \$890

COMPUTER
COMMUNICATIONS
SPECIALISTS, INC.
TASK/1000
Controller Type: Add-on
Device Controlled: Printers, Display
terminals, Scanner
Units Controlled: 10
Programmable: Yes
Price: \$1,995
(See Vendor Profile Page V-8)

COMPUTER EXTENSION
SYSTEM, INC.
LPC 8
Controller Type: Add-in
Device Controlled: Printers
Price: \$495
(See Vendor Profile Page V-8)

COMPUTER EXTENSION
SYSTEM, INC.
LPC 11
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: Yes
Price: \$525

COMPUTER EXTENSION
SYSTEM, INC.
LPCL 11
Device Controlled: Printers
Specific Equipment Supported:
DEC LPV 11
Units Controlled: 1
Programmable: Yes
Price: \$375

COMPUTER EXTENSION
SYSTEM, INC.
SLC 11
Controller Type: Add-in

Controllers

Device Controlled: Printers, Display terminals
Specific Equipment Supported: DEC DL-11E
Units Controlled: 1
Programmable: Yes
Price: \$550

COMPUTER EXTENSION SYSTEM, INC.

SLJL 11
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: DEC DLV-11J
Units Controlled: 4
Programmable: Yes
Price: \$395

COMPUTER EXTENSION SYSTEM, INC.

SLZ 11
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: DEC DZ-11
Units Controlled: 8
Programmable: Yes
Price: \$1,190

COMPUTER IDENTICS CORP.

LDP-5
Controller Type: Add-on
Device Controlled: Bar Code Scanner
Specific Equipment Supported: Compudent; Motorola 6800, 68000
Units Controlled: 12
Programmable: No
Price: \$12,000
(See Vendor Profile Page V-8)

COMPUTER IDENTICS CORP.

LDP-5M
Controller Type: Add-on
Device Controlled: Bar Code Scanner
Specific Equipment Supported: Motorola 6800, 68000
Units Controlled: 80
Programmable: No
Price: \$12,000 to \$75,000

COMPUTER IDENTICS CORP.
MANUFACTURING TRANSACTION
Controller Type: Add-on
Device Controlled: Scanners
Specific Equipment Supported: Motorola 6800, 68000
Units Controlled: 160
Programmable: No
Price: \$12,000 to \$75,000

COMPUTER IDENTICS CORP.

SORT-A-PAC
Controller Type: Add-on
Device Controlled: Bar Code Scanner
Specific Equipment Supported: Motorola 6800, 68000
Units Controlled: 160
Programmable: No
Price: \$12,000 to \$75,000

COMPUTIME

64K STATIC RAMBOARD
Device Controlled: Memory Devices
Price: \$325
(See Vendor Profile Page V-9)

COMPUTIME

CT102
Controller Type: Add-on
Device Controlled: Clock/Calendar

Units Controlled: 4

Price: \$99

COMPUTIME

CT256
Controller Type: Add-on
Device Controlled: Memory Devices
Price: \$550

COMPUTIME

FDC-1
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: IBM System 34, 3740
Programmable: No
Price: \$275

CONSOLINK

MS-PF32
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$249
(See Vendor Profile Page V-9)

CONSOLINK

MS-PP64
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, Okidata, IBM
Units Controlled: 1
Programmable: No
Price: \$299

CONSOLINK

MS-PS16
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$249

CONSOLINK

MS-PS32
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$279

CONSOLINK

MS-PS64
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$329

CONSOLINK

MS-SP18
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$249

CONSOLINK

MS-SP32
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:

Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$279

CONSOLINK

MS-SP64
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$329

CONSOLINK

MS-SS16
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Price: \$259

CONSOLINK

MS-SS32
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$299

CONSOLINK

MS-SS64
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 1
Programmable: No
Price: \$339

CONSOLINK

MS-PP18
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$219

CONSOLINK

SS-SER
Controller Type: Add-in
Device Controlled: Printers, Memory Devices
Units Controlled: 4
Programmable: No
Price: \$444

CONSOLINK

SS-1000
Controller Type: Add-on
Device Controlled: Printers, Memory Devices
Specific Equipment Supported: Epson, IBM, Okidata
Units Controlled: 4
Programmable: No
Price: \$349

CONSOLINK

SS MEM
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 2
Programmable: No
Price: \$159

CONTROL DATA CORP.

CONTROL DATA 38800
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:

CDC 33501, 3375
Units Controlled: 32
Programmable: Yes
Price: \$46,000 to \$63,620
(See Vendor Profile Page V-9)

CONTROL SYSTEMS

ARTIST BOARD I
Controller Type: Add-in
Device Controlled: Display terminals
Specific Equipment Supported: IBM Personal Computer
Units Controlled: 1
Programmable: Yes
Price: \$3,195
(See Vendor Profile Page V-9)

CONTROL SYSTEMS

ARTIST BOARD II
Controller Type: Add-in
Device Controlled: Display terminals
Specific Equipment Supported: IBM Personal Computer
Units Controlled: 1
Programmable: Yes
Price: \$1,595

CRAY RESEARCH, INC.

BMC-4
Controller Type: Add-in
Device Controlled: Magnetic tape drives
Units Controlled: 4
Programmable: No
Price: \$75,000
(See Vendor Profile Page V-9)

CRAY RESEARCH, INC.

DCU-3
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: CDC
Units Controlled: 4
Programmable: No
Price: \$125,000

CRAY RESEARCH, INC.

DCU-4
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: CDC
Units Controlled: 4
Programmable: No
Price: \$70,000

CHROMEMCO, INC.

IOP, QDRT
Controller Type: Add-in
Device Controlled: Printers, Display terminals
Specific Equipment Supported: Diablo 630, Centronics 351, Data Products, NEC 7710
Units Controlled: 4
Programmable: Yes
Price: \$1,090
(See Vendor Profile Page V-9)

CHROMEMCO, INC.

PR1
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics 703, Dume, NEC 5500Q, NEC 7700Q
Units Controlled: 2
Programmable: No
Price: \$245

CHROMEMCO, INC.

TRT
Controller Type: Add-in
Device Controlled: Printers

Controllers

Specific Equipment Supported:
Centronics 703, Okidata ML82,
Epson MX80
Units Controlled: 4
Price: \$345

CYBERMATION, INC. CFC150

Controller Type: Add-on
Device Controlled: Printers, Display
terminals, Plotters
Specific Equipment Supported:
DEC PDP-11
Programmable: Yes
Price: \$105,000
(See Vendor Profile Page V-10)

CYBERMATION, INC. CYB-400

Controller Type: Add-on
Device Controlled: Printers, Display
terminals, Plotters, Magnetic tape
drives, Memory Devices
Specific Equipment Supported:
Okidata, DEC PDP
Programmable: Yes
Price: \$18,500

CYNTHIA PERIPHERAL CORP. 2100

Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Cynthia Peripheral D-100 Series
Units Controlled: 2
Programmable: Yes
Price: \$1,100
(See Vendor Profile Page V-10)

CYNTHIA PERIPHERAL CORP. 2101

Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Cynthia Peripheral D-100 Series
Units Controlled: 1
Programmable: Yes
Price: \$900

DATA ENGINEERING, INC. ASYNCHRONOUS MEMORY PORT C2172

Controller Type: Add-in
Device Controlled: Memory Devices
Specific Equipment Supported:
Gould
Units Controlled: 1
Programmable: No
Price: \$6,000
(See Vendor Profile Page V-10)

DATA ENGINEERING, INC. C/S14

Controller Type: Add-in
Device Controlled: Memory Devices
Specific Equipment Supported:
Harris 6024/5
Units Controlled: 1
Programmable: Yes
Price: \$12,000

DATA ENGINEERING, INC. CC420

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Harris
Units Controlled: 1
Programmable: No
Price: \$3,000

DATA ENGINEERING, INC. CC550

Controller Type: Add-in
Device Controlled: Rigid disk drives

Specific Equipment Supported:
Harris 6024/4, 6024/5, 6024/7
Units Controlled: 4
Programmable: No
Price: \$7,500

DATA ENGINEERING, INC. CC551

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Harris 6024/4, 6024/5, 6024/7
Units Controlled: 2
Programmable: No
Price: \$8,400

DATA ENGINEERING, INC. CC560

Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
Harris 6024/4, 6024/5, 6024/7
Units Controlled: 4
Programmable: No
Price: \$6,000

DATA ENGINEERING, INC. INTERNAL MEMORY CONTROLLER C2192

Controller Type: Add-in
Device Controlled: Memory Devices
Specific Equipment Supported:
Gould
Units Controlled: 1
Programmable: No
Price: \$6,000

DATA ENGINEERING, INC. P3500

Controller Type: Add-on
Device Controlled: Card Punch
Specific Equipment Supported:
Harris
Units Controlled: 1
Programmable: No
Price: \$56,000

DATA ENGINEERING, INC. P4390

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Gould
Units Controlled: 1
Programmable: No
Price: \$800

DATA ENGINEERING, INC. SYNCHRONOUS MEMORY PORT C2162

Controller Type: Add-in
Device Controlled: Memory Devices
Specific Equipment Supported:
Gould
Units Controlled: 1
Programmable: No
Price: \$6,000

DATAMAC PERIPHERAL PRODUCTS

DISK CONTROLLER
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
IBM Personal Computer, Columbia
Units Controlled: 4
(See Vendor Profile Page V-10)

DATAPLEX, INC. 201 MICROSTREAMER

Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:

Cipher F880
Units Controlled: 4

Price: \$6,500
(See Vendor Profile Page V-11)

DATAPLEX, INC. MODEL 102 PRIAM CONTROLLER

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Priam
Units Controlled: 4
Price: \$8,662

DATA PLUS, INC. 202 SERIES

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Xtel
315, Siemens
Units Controlled: 2
Programmable: Yes
Price: \$900

DATA PLUS, INC. 300-10

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Xtel
315, Siemens
Units Controlled: 2
Programmable: Yes
Price: \$1,300

DATA PLUS, INC. 350

Controller Type: Add-on
Device Controlled: Display terminals
Units Controlled: 4
Programmable: Yes
Price: \$3,600

DATA PLUS, INC. 805-2

Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Units Controlled: 1
Programmable: Yes
Price: \$1,600

DATARAM CORP. S04/A

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
Programmable: Yes
Price: \$2,650
(See Vendor Profile Page V-11)

DATARAM CORP. S04/A1

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
Programmable: Yes
Price: \$2,650

DATARAM CORP. S04/B

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
Programmable: Yes
Price: \$2,650

DATARAM CORP. S04/B

Controller Type: Add-in

Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
Programmable: Yes
Price: \$2,650

DATARAM CORP. S34/A

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11, DEC VAX
Units Controlled: 4
Programmable: Yes
Price: \$3,705

DATARAM CORP. S34/D

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11, DEC VAX
Units Controlled: 4
Programmable: Yes
Price: \$3,705

DATARAM CORP. T03

Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 4
Programmable: Yes
Price: \$1,950

DATARAM CORP. T04/C

Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 4
Programmable: Yes
Price: \$1,500

DATARAM CORP. T04/D

Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 4
Programmable: Yes
Price: \$2,800

DATARAM CORP. T05/C

Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 4
Programmable: Yes
Price: \$1,980

DATARAM CORP. T34/T

Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
DEC PDP-11, DEC VAX
Units Controlled: 4
Programmable: Yes
Price: \$3,670

DATARAM CORP. T35/C

Controller Type: Add-in

Controllers

Device Controlled: Magnetic tape drives
 Specific Equipment Supported:
 DEC POP-11, DEC VAX
 Units Controlled: 4
 Programmable: Yes
 Price: \$1,980

DATARAM CORP.

T36
 Controller Type: Add-in
 Device Controlled: Magnetic tape drives
 Specific Equipment Supported:
 DEC PDP-11, DEC VAX
 Units Controlled: 4
 Programmable: Yes
 Price: \$2,700

DATARAM CORP.

T37
 Controller Type: Add-in
 Device Controlled: Magnetic tape drives
 Specific Equipment Supported:
 DEC PDP-11, DEC VAX
 Units Controlled: 4
 Programmable: Yes
 Price: \$2,900

DATASOUTH COMPUTER BOARD

DS120 TERMINAL CONTROLLER
 Controller Type: Add-in
 Device Controlled: Printers
 Specific Equipment Supported:
 DEC LA36
 Units Controlled: 1
 Programmable: Yes
 Price: \$750
 (See Vendor Profile Page V-11)

DATA SYSTEMS DESIGN, INC.

A140
 Controller Type: Add-in
 Device Controlled: Floppy disk drives
 Units Controlled: 2
 Programmable: Yes
 Price: \$1,250
 (See Vendor Profile Page V-11)

DATA SYSTEMS DESIGN, INC.

5215
 Controller Type: Add-in
 Device Controlled: Floppy disk drives, Rigid disk drives, Stream Tape
 Specific Equipment Supported:
 STD 506, Archive
 Units Controlled: 5
 Programmable: Yes
 Price: \$1,295

DATA SYSTEMS DESIGN, INC.

5217
 Controller Type: Add-in
 Device Controlled: Floppy disk drives, Rigid disk drives, Stream Tape
 Units Controlled: 5
 Programmable: Yes
 Price: \$1,295

DATA SYSTEMS DESIGN, INC.

8217
 Controller Type: Add-in
 Device Controlled: Floppy disk drives, Rigid disk drives, Stream Tape
 Specific Equipment Supported:
 Archive
 Units Controlled: 5
 Programmable: Yes
 Price: \$1,295

DATA SYSTEMS DESIGN, INC.

7215
 Controller Type: Add-in
 Device Controlled: Floppy disk drives, Rigid disk drives, Stream Tape
 Specific Equipment Supported:
 Archive
 Units Controlled: 5
 Programmable: Yes
 Price: \$1,295

DATA SYSTEMS DESIGN, INC.

7217
 Controller Type: Add-in
 Device Controlled: Floppy disk drives, Rigid disk drives, Stream Tape
 Specific Equipment Supported:
 Seagate ST-506, Shugart SA-850, Archive
 Units Controlled: 5
 Programmable: Yes
 Price: \$1,295

DATA SYSTEMS DESIGN, INC.

DS1 4140
 Controller Type: Add-in
 Device Controlled: Floppy disk drives
 Specific Equipment Supported:
 DEC
 Units Controlled: 2
 Price: \$1,250

DATA SYSTEMS DESIGN, INC.

MULTIBUS 5215
 Controller Type: Add-in
 Device Controlled: Floppy disk drives, Rigid disk drives, Magnetic tape drives
 Specific Equipment Supported:
 DEC
 Units Controlled: 2
 Price: \$1,295

DATA SYSTEMS DESIGN, INC.

MULTIBUS 7215
 Controller Type: Add-in
 Device Controlled: Floppy disk drives, Rigid disk drives, Magnetic tape drives
 Specific Equipment Supported:
 DEC
 Units Controlled: 2
 Price: \$1,295

DATASYSTEMS CORP.

DISK CONTROLLER 5121
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Specific Equipment Supported:
 DEC LSI-11
 Units Controlled: 4
 Programmable: Yes
 Price: \$1,995
 (See Vendor Profile Page V-11)

DATASYSTEMS CORP.

DISK CONTROLLER 5122
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Specific Equipment Supported:
 DEC LSI-11
 Units Controlled: 4
 Programmable: Yes
 Price: \$1,995

DATASYSTEMS CORP.

DMA CONTROLLER DLP1132
 Controller Type: Add-in
 Device Controlled: Printers, Memory Devices
 Specific Equipment Supported:
 DEC VAX

Units Controlled: 2
 Programmable: Yes
 Price: \$2,150

DATASYSTEMS CORP.

FLOPPY DISK CONTROLLER 5510
 Controller Type: Add-in
 Device Controlled: Floppy disk drives
 Specific Equipment Supported:
 DEC LSI-11, DEC RXV21
 Units Controlled: 2
 Programmable: Yes
 Price: \$1,100

DATASYSTEMS CORP.

LINE PRINTER CONTROLLER
 DLP11
 Controller Type: Add-in
 Device Controlled: Printers
 Specific Equipment Supported:
 DEC PDP-11
 Units Controlled: 1
 Programmable: No
 Price: \$625

DATASYSTEMS CORP.

LINE PRINTER CONTROLLER
 DLP1100
 Controller Type: Add-in
 Device Controlled: Printers
 Specific Equipment Supported:
 DEC LSI-11
 Units Controlled: 1
 Programmable: No
 Price: \$375

DATASYSTEMS CORP.

LINE PRINTER CONTROLLER
 DLP1200
 Controller Type: Add-in
 Device Controlled: Printers, Memory Devices
 Specific Equipment Supported: DG Nova, Eclipse
 Units Controlled: 1
 Programmable: Yes
 Price: \$650

DATASYSTEMS CORP.

LINE PRINTER CONTROLLER
 DLP3300
 Controller Type: Add-in
 Device Controlled: Printers
 Specific Equipment Supported:
 IBM Series/1
 Units Controlled: 1
 Programmable: Yes
 Price: \$1,825

DATA TECHNOLOGY CORP.

DTC101D
 Controller Type: Add-on
 Device Controlled: Rigid disk drives
 Specific Equipment Supported:
 Fujitsu 2300 Series
 Units Controlled: 2
 Programmable: Yes
 Price: \$675
 (See Vendor Profile Page V-11)

DATA TECHNOLOGY CORP.

DTC310A
 Controller Type: Add-on
 Device Controlled: Rigid disk drives
 Units Controlled: 2
 Programmable: Yes
 Price: \$440

DATA TECHNOLOGY CORP.

DTC320A
 Controller Type: Add-on
 Device Controlled: Floppy disk drives, Rigid disk drives
 Units Controlled: 2

Programmable: Yes
 Price: \$500

DATA TECHNOLOGY CORP.

DTC335A
 Controller Type: Add-on
 Device Controlled: Floppy disk drives, Rigid disk drives
 Units Controlled: 2
 Programmable: Yes
 Price: \$500

DATA TECHNOLOGY CORP.

DTC540
 Controller Type: Add-on
 Device Controlled: Rigid disk drives
 Units Controlled: 4
 Programmable: Yes
 Price: \$895

DATA TECHNOLOGY CORP.

DTC600
 Controller Type: Add-on
 Device Controlled: Rigid disk drives
 Specific Equipment Supported:
 CDC Finch
 Units Controlled: 4
 Programmable: Yes
 Price: \$775

DATA TECHNOLOGY CORP.

DTC615
 Controller Type: Add-on
 Device Controlled: Rigid disk drives
 Specific Equipment Supported:
 CDC Wren-3
 Units Controlled: 2
 Programmable: Yes
 Price: \$430

DATA TECHNOLOGY CORP.

DTC703
 Controller Type: Add-on
 Device Controlled: Rigid disk drives
 Units Controlled: 2
 Programmable: Yes
 Price: \$775

DATA TECHNOLOGY CORP.

DTC900
 Controller Type: Add-on
 Device Controlled: Floppy disk drives, Rigid disk drives
 Units Controlled: 2
 Programmable: Yes
 Price: \$775

DATA TECHNOLOGY CORP.

DTC5150
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Units Controlled: 2
 Programmable: Yes
 Price: \$475

DATUM, INC.

10MB CARTRIDGE CONTROLLER
 45112
 Controller Type: Add-in
 Device Controlled:
 Cassette/Cartridges Devices
 Specific Equipment Supported: DG
 Units Controlled: 4
 Programmable: Yes
 Price: \$1,250
 (See Vendor Profile Page V-12)

DATUM, INC.

20MB CARTRIDGE CONTROLLER
 40060
 Controller Type: Add-on
 Device Controlled:
 Cassette/Cartridges Devices
 Specific Equipment Supported:
 Sperry UYK 20

Controllers

Units Controlled: 4
Programmable: Yes
Price: \$5,500

DATUM, INC.
20MB CARTRIDGE CONTROLLER
45312
Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported: DG
Units Controlled: 4
Programmable: Yes
Price: \$2,685

DATUM, INC.
CARTRIDGE DISK CONTROLLER
4009
Controller Type: Add-on
Device Controlled: Rigid disk drives,
Cassette/Cartridges Devices
Specific Equipment Supported:
Rohm 1602, 1603
Units Controlled: 4
Programmable: Yes
Price: \$3,725

DATUM, INC.
LINE PRINTER CONTROLLER
85060
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Sperry UYK 20
Units Controlled: 4
Programmable: Yes
Price: \$2,150

DATUM, INC.
MAG TAPE CONTROLLER 1018
Controller Type: Add-on
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
Rohm CBX
Units Controlled: 4
Programmable: Yes
Price: \$3,625

DATUM, INC.
MAG TAPE CONTROLLER 1018
Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
Rohm 1602, 1603
Units Controlled: 4
Programmable: Yes
Price: \$3,625

DATUM, INC.
MAG TAPE CONTROLLER 1041
Controller Type: Add-on
Device Controlled: Magnetic tape
drives
Specific Equipment Supported: HP
21 MX
Units Controlled: 4
Programmable: Yes
Price: \$3,200

DATUM, INC.
MAG TAPE CONTROLLER 1046
Controller Type: Add-in
Device Controlled: Magnetic tape
drives
Specific Equipment Supported:
Varian V70
Units Controlled: 4
Programmable: Yes
Price: \$3,850

DATUM, INC.
MAG TAPE CONTROLLER 1050
Controller Type: Add-on

Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
IBM Series/1
Units Controlled: 4
Programmable: Yes
Price: \$2,675

DATUM, INC.
MAG TAPE CONTROLLER
1060, 1070
Controller Type: Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Sperry UYK 20
Units Controlled: 4
Programmable: Yes
Price: \$5,500

DATUM, INC.
MAG TAPE CONTROLLER 1512
Controller Type: Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: DG
Units Controlled: 4
Programmable: Yes
Price: \$2,550

DATUM, INC.
MAG TAPE CONTROLLER 1542
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Inter Data 7 & 8 Series
Units Controlled: 4
Programmable: Yes
Price: \$2,250

DATUM, INC.
MAG TAPE ADAPTER 35012
Controller Type: Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: DG
Programmable: Yes
Price: \$1,600

DATUM, INC.
SMD DISK CONTROLLER 85012
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: DG
Units Controlled: 4
Programmable: Yes
Price: \$3,500

DATUM, INC.
SMD DISK CONTROLLER 85020
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 4
Programmable: Yes
Price: \$4,800

DATUM, INC.
SMD DISK CONTROLLER 85020V
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC VAX 11
Units Controlled: 4
Programmable: Yes
Price: \$5,750

DATUM, INC.
SMD DISK CONTROLLER 85021
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC LSI-11

Units Controlled: 4
Programmable: Yes
Price: \$4,800

DATUM, INC.
SMD DISK CONTROLLER 85027
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-1170
Units Controlled: 4
Programmable: Yes
Price: \$7,750

DATUM, INC.
SMD DISK CONTROLLER 85030
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 4
Programmable: Yes
Price: \$2,800

DATUM, INC.
SMD DISK CONTROLLER 85031
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 4
Programmable: Yes
Price: \$2,700

DATUM, INC.
TM11 1521
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 4
Programmable: Yes
Price: \$2,800

DATUM, INC.
TM11 ADAPTER 35020
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC PDP-11
Programmable: Yes
Price: \$1,550

DATUM, INC.
TM11 ADAPTER 35021
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 4
Programmable: Yes
Price: \$1,550

DATUM, INC.
TM11 CONTROLLER 1020
Controller Type: Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 4
Programmable: Yes
Price: \$3,400

DATUM, INC.
TM11 CONTROLLER 1520A
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 4
Programmable: Yes
Price: \$2,850

DATUM, INC.
TM11 CONTROLLER 1520AV
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC VAX
Units Controlled: 4
Programmable: Yes
Price: \$2,875

DATUM, INC.
TM11 CONTROLLER 15330
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 4
Programmable: Yes
Price: \$2,370

DATUM, INC.
TS11 ADAPTER 35032
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
DEC VAX
Programmable: Yes
Price: \$2,050

DAVONG SYSTEMS, INC.
DSI-ASYNCH
Controller Type: Add-in
Device Controlled: Printers, Memory
Devices
Units Controlled: 2
Programmable: Yes
Price: \$385
(See Vendor Profile Page 12)

DAVONG SYSTEMS, INC.
HARD DISK CONTROLLER-E
Controller Type: Add-on
Device Controlled: Rigid disk drives,
Magnetic Tape Drives
Specific Equipment Supported:
CMI, Cipher
Units Controlled: 3
Programmable: Yes
Price: \$1,995

DAVONG SYSTEMS, INC.
HARD DISK CONTROLLER-I
Controller Type: Add-on
Device Controlled: Rigid disk drives,
Magnetic Tape Drives
Specific Equipment Supported:
CMI, Cipher
Units Controlled: 1
Programmable: Yes
Price: \$1,845

DAVONG SYSTEMS, INC.
MULTIFUNCTION BOARD
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DAVONG, IBM
Programmable: Yes
Price: \$595

**DECISION DATA COMPUTER
CORP.**
8751-01 CLUSTER CONTROLLER
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
IBM 5250; Decision Data 3751,
3791, Series 600
Units Controlled: 9
Price: \$2,300
(See Vendor Profile Page V-12)

Controllers

DELTA SYSTEMS, INC.

HP/C
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Delta Systems
Programmable: Yes
(See Vendor Profile Page V-12)

DELTA SYSTEMS, INC.

HP/D
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
STC
Units Controlled: 16
Programmable: Yes

DELTA SYSTEMS, INC.

HP/P
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Xerox
Units Controlled: 1
Programmable: Yes
Price: \$32,000

DELTA SYSTEMS, INC.

HP/T
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
STC
Units Controlled: 16
Programmable: Yes

D.G.M.

R245
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Sweda L45
Units Controlled: 26
Programmable: No
Price: \$1,425
(See Vendor Profile Page V-12)

D.G.M.

R350
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Sweda L50
Units Controlled: 11
Programmable: No
Price: \$8,000 to \$10,000

D.G.M.

R650
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Sweda L45, L50
Units Controlled: 31
Programmable: No
Price: \$1,425

DIGI-DATA CORP.

70M
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Digidata
Units Controlled: 4
Programmable: No
(See Vendor Profile Page V-12)

DIGI-DATA CORP.

702
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives

Specific Equipment Supported:
Digidata
Units Controlled: 2
Programmable: No

DIGI-DATA CORP.

70R
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Digidata
Units Controlled: 4
Programmable: No

DIGI-DATA CORP.

70S
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Digidata
Units Controlled: 8
Programmable: No

DIGI-DATA CORP.

HP1000M/E/F IF
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Digidata
Units Controlled: 4
Programmable: No
Price: \$2,000

DIGI-DATA CORP.

IIS NC1
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Digidata
Units Controlled: 8
Programmable: No
Price: \$1,500

DIGI-DATA CORP.

GC1
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Digidata
Units Controlled: 8
Programmable: No
Price: \$1,485

DIGI-DATA CORP.

UC1
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Digidata
Units Controlled: 8
Programmable: No
Price: \$1,500

DIGITAL ASSOCIATES CORP.

4111 PDP/11/VAX PRINTER
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics
Units Controlled: 1
Programmable: No
(See Vendor Profile Page V-12)

DIGITAL ASSOCIATES CORP.

HP 3000/33 - HP 3000/84
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Units Controlled: 1

Programmable: No

DIGITAL ASSOCIATES CORP.

HP 3000/I/II/III PRINTER
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: D-PRT 1260, 1210, Dataproducts B Series, Centronics Series
Units Controlled: 1
Programmable: No
(See Vendor Profile Page V-12)

DIGITAL ASSOCIATES CORP.

MODEL 3211 IBM SERIES I

Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No

DIGITAL ASSOCIATES CORP.

MODEL 4140 PRINTER

Controller Type: Add-on
Device Controlled: Printers
Units Controlled: 1
Programmable: No

DIGITAL ASSOCIATES CORP.

PROTOCOL INTERFACE 7130

Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Centronics, Dataproducts
Units Controlled: 1
Programmable: Yes

DIGITAL ASSOCIATES CORP.

PROTOCOL INTERFACE 7140

Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Centronics, Dataproducts
Units Controlled: 1
Programmable: Yes

DIGITAL ASSOCIATES CORP.

REMOTE LINE PRINTER SYSTEM

Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts
Units Controlled: 2
Programmable: Yes

DIGITAL ASSOCIATES CORP.

RS-232 INTERFACE 7110

Controller Type: Add-on
Device Controlled: Printers
Units Controlled: 1
Programmable: No

DIGITAL DEVELOPMENT

CORP.

DNC
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Digital Development 750
Units Controlled: 1
Programmable: No
Price: \$2,000
(See Vendor Profile Page V-13)

DIGITAL DEVELOPMENT

CORP.

DMS-RF11
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Digital Development 6090, 9100, A7311, A7312
Units Controlled: 4
Programmable: Yes
Price: \$7,600

DIGITAL DEVELOPMENT

CORP.

DMS16

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Digital Development
Units Controlled: 1
Programmable: No
Price: \$3,900

DIGITAL LABORATORIES, INC.

ESP-1

Controller Type: Add-on
Device Controlled: Display terminals
Units Controlled: 4
Programmable: Yes
Price: \$395
(See Vendor Profile Page V-13)

DIGITAL LABORATORIES, INC.

MICROMATRIX II

Controller Type: Add-on
Device Controlled: Printers
Units Controlled: 8
Programmable: Yes
Price: \$995

DIGITAL LABORATORIES, INC.

MULTISPOOL

Device Controlled: Printers
Units Controlled: 1
Programmable: Yes
Price: \$995

DIGITAL LABORATORIES, INC.

PC-29

Controller Type: Add-in
Device Controlled: Keypunch
Specific Equipment Supported:
IBM
Units Controlled: 2
Programmable: Yes
Price: \$1,350

DIGITAL LABORATORIES, INC.

TLC-1

Controller Type: Add-on
Device Controlled: Display terminals
Units Controlled: 3
Programmable: No
Price: \$245

DIGITUS CORP.

ELEVATOR ANNOUNCER I

Controller Type: Add-on
Device Controlled: Bar Code Reader
Programmable: Yes
Price: \$2,000
(See Vendor Profile Page V-13)

DIGITUS CORP.

ELEVATOR ANNOUNCER II

Controller Type: Add-on
Device Controlled: Bar Code Reader
Programmable: Yes
Price: \$500

DIGITUS CORP.

SASA CONTROLLER

Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
NEC Daisywriter
Units Controlled: 1
Programmable: Yes
Price: \$220

DIGITUS CORP.

VOICE I/O MODULE

Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:

Controllers

NEC 8000
Programmable: Yes

DIGITUS CORP.

VT10

Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 1
Programmable: Yes
Price: \$5,500

DILOG

DQ100

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Diablo, Pertec, CDC
Units Controlled: 8
Programmable: No
Price: \$1,520
(See Vendor Profile Page V-13)

DILOG

DQ130

Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Pertec, Digdata, Kennedy, Cipher
Units Controlled: 4
Programmable: No
Price: \$1,895

DILOG

DQ130

Controller Type: Add-in
Device Controlled: Tape Streamer
Units Controlled: 8
Programmable: No
Price: \$1,550

DILOG

DQ132

Controller Type: Add-in
Device Controlled: Magnetic Tape Drives, Tape Streamer
Units Controlled: 8
Programmable: No
Price: \$2,050

DILOG

DQ202A

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC, Ampex, Fujitsu
Units Controlled: 2
Programmable: No
Price: \$2,450

DILOG

DQ214

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC, Ampex, Fujitsu
Units Controlled: 2
Programmable: No
Price: \$2,295

DILOG

DQ215

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC, Ampex, Fujitsu
Units Controlled: 2
Programmable: No
Price: \$2,395

DILOG

DQ228

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:

CDC, Ampex, Fujitsu
Units Controlled: 2
Programmable: No
Price: \$3,150

DILOG

DQ330

Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported:
Kennedy
Units Controlled: 2
Programmable: No
Price: \$1,445

DILOG

DQ404

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Fujitsu, Memorex, Shugart
Units Controlled: 2
Programmable: No
Price: \$2,050

DILOG

DQ409

Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported:
Shugart, Micropolis, Tandem
Units Controlled: 2
Programmable: No
Price: \$1,095

DILOG

DQ413

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Prism
Units Controlled: 2
Programmable: No
Price: \$2,050

DILOG

DQ414

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Prism
Units Controlled: 2
Programmable: No
Price: \$2,050

DILOG

DQ604

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Seagate, Shugart, Rodime, IMT
Units Controlled: 2
Programmable: No
Price: \$1,395

DILOG

DQ614

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart, Seagate, Rodime, IMT
Units Controlled: 2
Price: \$1,895

DILOG

DQ615

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Vertex, Maxtor, Atari, Evotek
Units Controlled: 2
Programmable: No
Price: \$2,095

DILOG

DQ634

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DMA
Units Controlled: 2
Programmable: No
Price: \$2,095

DILOG

DU100

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Diablo, Pertec, CDC
Units Controlled: 8
Programmable: No
Price: \$1,520

DILOG

DU120

Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Pertec, Kennedy, DEC, Cipher
Units Controlled: 4
Programmable: No
Price: \$1,895

DILOG

DU130

Controller Type: Add-in
Device Controlled: Magnetic Tape Drives, Tape Streamer
Units Controlled: 8
Programmable: No
Price: \$1,550

DILOG

DU215

Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC, Ampex, Fujitsu
Units Controlled: 2
Programmable: No
Price: \$2,695

DILOG

DU218

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC, Ampex, Fujitsu
Units Controlled: 4
Programmable: No
Price: \$2,595

DISPLAYS UNLIMITED

MODEL 1000

Controller Type: Add-in
Device Controlled: Display terminals
Specific Equipment Supported:
CDC
Programmable: No
Price: \$2,900
(See Vendor Profile Page V-13)

DISPLAYS UNLIMITED

MODEL 2000

Controller Type: Add-on
Device Controlled: Printers, Teleprinters, Display terminals, Floppy disk drives, Plotters, Magnetic Tape Drives, Cassette/Cartridges Devices
Units Controlled: 8
Price: \$800

DISPLAYS UNLIMITED

MODEL 3000

Controller Type: Add-on
Device Controlled: Printers, Display terminals

Programmable: No
Price: \$1,200

DISTRIBUTED LOGIC CORP.

CARTRIDGE TAPE CONTROLLER

DQ330

Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported:
Kennedy 6450
Units Controlled: 2
Programmable: Yes
Price: \$1,445
(See Vendor Profile Page V-13)

DISTRIBUTED LOGIC CORP.

DISK CONTROLLER-SMD/I/O

DX200 SERIES

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC, Fujitsu, Kennedy
Units Controlled: 4
Programmable: Yes
Price: \$2,395 to \$3,150

DISTRIBUTED LOGIC CORP.

DISK CONTROLLER-ST508/I/O

DQ600 SER.

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Miniscribe, Rodime, Seagate, Shugart
Units Controlled: 2
Programmable: Yes
Price: \$1,895 to \$2,095

DISTRIBUTED LOGIC CORP.

DISK CONTROLLER DQ400

SERIES

Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$1,895 to \$2,050

DISTRIBUTED LOGIC CORP.

FLOPPY DISK-ANSI I/O DQ619

Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported:
Cannon, Memorex, Micropolis, Pertec
Units Controlled: 2
Programmable: Yes

DISTRIBUTED LOGIC CORP.

FLOPPY DISK-SA800/850I/O

DQ416

Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported:
Shugart, Pertec, BASF, Micropolis
Units Controlled: 2
Programmable: Yes

DISTRIBUTED LOGIC CORP.

TAPE DRIVE COUPLER DX130

Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Ampex, Cipher, CDC, Kennedy
Units Controlled: 5
Programmable: Yes
Price: \$1,550

DISTRIBUTED LOGIC CORP.

TAPE DRIVE COUPLER DX132

Controller Type: Add-in
Device Controlled: Magnetic Tape Drives

Controllers

Specific Equipment Supported:
Ampex, Cipher, CDC, Kennedy
Units Controlled: 4
Programmable: Yes
Price: \$2,050

D&N MICRO PRODUCTS, INC.
MODEL 1200
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Addis, Viewpoint, TVI
Units Controlled: 4
Programmable: Yes
Price: \$2,995
(See Vendor Profile Page V-13)

D&N MICRO PRODUCTS, INC.
MODEL 3400
Controller Type: Add-in
Device Controlled: Display terminals, Floppy disk drives
Specific Equipment Supported:
Addis, Viewpoint, TVI
Units Controlled: 4
Programmable: Yes
Price: \$3,495

D&N MICRO PRODUCTS, INC.
MODEL 2400-16
Device Controlled: Display terminals, Floppy disk drives, Rigid disk drives
Specific Equipment Supported:
TVI, Addis
Units Controlled: 4
Programmable: Yes
Price: \$6,095

DP-TEK, INC.
84-D
Controller Type: Add-on
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$400

DP-TEK, INC.
84-P
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Centronics
Units Controlled: 1
Programmable: No
Price: \$375

DP-TEK, INC.
84-S
Controller Type: Add-on
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$475

DP-TEK, INC.
84-WP
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Cume Sprint 9, Sprint 11, Diablo 630, Dataproducts D55
Units Controlled: 1
Programmable: No
Price: \$495

DP-TEK, INC.
83BA
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Okidata
Units Controlled: 1
Programmable: Yes
Price: \$1,950

DP-TEK, INC.
9220
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Cipher
Units Controlled: 1
Programmable: Yes
Price: \$3,995

DP-TEK, INC.
9449
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Datapoint, Dataproducts, Centronics
Units Controlled: 1
Programmable: No
Price: \$495

DP-TEK, INC.
IMPRINT/3
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Okidata
Units Controlled: 1
Programmable: Yes
Price: \$1,195

DP-TEK, INC.
MODEL 8303
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Okidata
Units Controlled: 1
Programmable: Yes
Price: \$1,550

DYLON CORP.
1015B
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Units Controlled: 4
Programmable: No
Price: \$6,995
(See Vendor Profile Page V-14)

DYLON CORP.
1025A
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
HP
Units Controlled: 4
Programmable: No
Price: \$6,995

DYLON CORP.
1030A
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
HP 7970B
Programmable: No
Price: \$5,895

EMULEX CORP.
SC01
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
(See Vendor Profile Page V-14)

EMULEX CORP.
SC02
Controller Type: Add-in
Device Controlled: Rigid disk drives

Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
Programmable: Yes
Price: \$1,900

EMULEX CORP.
SC03
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 2
Programmable: Yes

EMULEX CORP.
SC11
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 4

EMULEX CORP.
SC12
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 2

EMULEX CORP.
SC21
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9760, Fujitsu 2312, Ampex 93160
Units Controlled: 4

EMULEX CORP.
SC31
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Pariam 3350, CDC 9762, Fujitsu 2351, Memorex 659
Units Controlled: 4

EMULEX CORP.
SC70
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9766, Memorex 659, Ampex 93160, STC 8775
Units Controlled: 4

EMULEX CORP.
SC750
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9762, Fujitsu 2312, STC 8775, Ampex Capricorn
Units Controlled: 4

ESSEX ENGINEERING CO.
SX 1107
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported:
Essex, C-Itoh
Units Controlled: 63
Programmable: Yes
Price: \$9,000
(See Vendor Profile Page V-14)

Q&W CONTROL CORP.
TF160
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:

Dilog, DEC, CPC
Units Controlled: 4
Programmable: No
Price: \$1,300
(See Vendor Profile Page V-15)

Q&W CONTROL CORP.
TF800
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
Dilog, DEC
Units Controlled: 4
Price: \$1,100

Q&W CONTROL CORP.
TF816
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives, Memory Devices
Specific Equipment Supported:
Dilog, DEC
Units Controlled: 4
Programmable: No
Price: \$1,700

GEN/COMP, INC.
MODEL 2023
Controller Type: Add-in
Device Controlled: Paper Tape Punch
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 2
Price: \$1,350

GEN/COMP, INC.
MODEL 2024
Controller Type: Add-in
Device Controlled: Printers, Teleprinters
Specific Equipment Supported:
DEC LP-11, LA-11
Units Controlled: 1
Programmable: Yes
Price: \$525
(See Vendor Profile Page V-15)

GEN/COMP, INC.
MODEL 2025
Controller Type: Add-in
Device Controlled: Card Reader
Specific Equipment Supported:
Documentation M200
Units Controlled: 1
Programmable: Yes
Price: \$700

GEN/COMP, INC.
MODEL 2021
Controller Type: Add-in
Device Controlled: Display terminals
Specific Equipment Supported:
Teletype Bell 103
Units Controlled: 1
Programmable: Yes
Price: \$500

GEN/COMP, INC.
MODEL 2041
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals, Floppy disk drives, Rigid disk drives, Plotters, Magnetic Tape Drives, Cassette/Cartridges Devices, Memory Devices
Units Controlled: 1
Programmable: Yes
Price: \$425

GEN/COMP, INC.
MODEL 3021
Controller Type: Add-in

Controllers

Device Controlled: Printers, Teletypes, Display terminals, Floppy disk drives, Rigid disk drives, Plotters, Magnetic Tape Drives, Cassette/Cartridges Devices, Memory Devices
Specific Equipment Supported: DG Nova
Units Controlled: 2
Programmable: No
Price: \$500

GEN/COMP, INC.
MODEL 3052
Controller Type: Add-in
Device Controlled: Floppy disk drives, Rigid disk drives
Specific Equipment Supported: DG Nova, Eclipse
Units Controlled: 4
Programmable: Yes
Price: \$1,200

GENERAL DIGITAL INDUSTRIES, INC.
DMA-700
Controller Type: Add-in
Device Controlled: OCR
Specific Equipment Supported: DEC PDP-11, DEC VAX
Units Controlled: 2
Programmable: Yes
Price: \$3,495
(See Vendor Profile Page V-15)

GENERAL ELECTRIC CO.
9610
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: GE
Units Controlled: 6
Programmable: No
Price: \$3,815
(See Vendor Profile Page V-15)

GENERAL ELECTRIC CO.
9615
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: GE
Units Controlled: 6
Programmable: No
Price: \$3,940

GENERAL ROBOTICS CORP.
DRVI
Controller Type: Add-in
Device Controlled: Digital Output
Units Controlled: 1
Programmable: No
Price: \$250
(See Vendor Profile Page V-15)

GENERAL ROBOTICS CORP.
LPVII QBUS COMPATIBLE
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Dataproducts, Printronics
Units Controlled: 1
Programmable: No
Price: \$250
(See Vendor Profile Page V-15)

GENERAL ROBOTICS CORP.
MLVII
Controller Type: Add-in
Device Controlled: Memory Devices
Units Controlled: 1
Programmable: No
Price: \$1,000

GENERAL ROBOTICS CORP.
MSVII
Controller Type: Add-in
Device Controlled: Memory Devices

Units Controlled: 1
Programmable: No
Price: \$500

GENERAL ROBOTICS CORP.
MSVII-Q
Device Controlled: Memory Devices
Units Controlled: 1
Programmable: No
Price: \$2,500

GENERAL ROBOTICS CORP.
MWVI1
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 1
Programmable: No
Price: \$2,000

GENERAL ROBOTICS CORP.
RXV21
Device Controlled: Floppy disk drives
Units Controlled: 1
Programmable: No
Price: \$1,100

GENERAL ROBOTICS CORP.
SMVII
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 1
Price: \$2,500

GENERAL ROBOTICS CORP.
STVI1
Controller Type: Add-in
Device Controlled: Stream Tape
Units Controlled: 1
Programmable: No
Price: \$1,500

GIDDINGS & LEWIS, INC.
PC400
Controller Type: Add-on
Device Controlled: Printers, Display terminals, Memory Devices
Specific Equipment Supported: TVI, EPI, Microline
Programmable: Yes
Price: \$2,500 to \$9,000
(See Vendor Profile Page V-16)

GIDDINGS & LEWIS, INC.
PC405
Controller Type: Add-on
Device Controlled: Printers, Display terminals, Cassette/Cartridges Devices
Specific Equipment Supported: TVI, EPI, Microline, GTEK
Programmable: Yes
Price: \$2,500 to \$9,000

GRECO SYSTEMS
Z2800
Controller Type: Add-on
Device Controlled: Floppy disk drives
Units Controlled: 2
Programmable: Yes
Price: \$195
(See Vendor Profile Page V-16)

HARVEY HUBBELL, INC.
MICROMITE 402
Controller Type: Add-on
Device Controlled: Display terminals
Units Controlled: 2
Price: \$1,000
(See Vendor Profile Page V-16)

HARVEY HUBBELL, INC.
MICROMITE 403
Controller Type: Add-on

Device Controlled: Display terminals
Units Controlled: 2
Programmable: No
Price: \$3,000 to \$5,000

HEURIKON CORP.
MLZ-VDC
Controller Type: Add-in
Device Controlled: Monitors
Units Controlled: 1
Programmable: Yes
Price: \$2,975
(See Vendor Profile Page V-16)

HONEYWELL, INC.
MSP-0611
Controller Type: Add-on
Device Controlled: Memory Devices
Specific Equipment Supported: MPI
Units Controlled: 16
Programmable: No
Price: \$52,000
(See Vendor Profile Page V-17)

HONEYWELL, INC.
MSP-0612
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: MPI
Units Controlled: 32
Programmable: No
Price: \$64,375

HONEYWELL, INC.
MSP-8000
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: MPI
Units Controlled: 16
Programmable: No
Price: \$46,800

HONEYWELL, INC.
MSP-8001
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: MPI
Units Controlled: 32
Programmable: No
Price: \$64,375

HONEYWELL, INC.
MSP-8002
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: MPI
Units Controlled: 32
Programmable: No
Price: \$64,375

HONEYWELL, INC.
MTP-0610
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: MPI, STC
Units Controlled: 8
Programmable: No
Price: \$29,400 to \$73,752

HONEYWELL, INC.
MTP-3000
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: STC, MPI
Units Controlled: 8
Programmable: No

Price: \$28,060

HONEYWELL, INC.
URP-0600
Controller Type: Add-on
Device Controlled: Printers, Card Reader
Specific Equipment Supported: Honeywell Bull System
Units Controlled: 8
Programmable: No
Price: \$26,585

HONEYWELL, INC.
URP-8001
Controller Type: Add-in
Device Controlled: Printers, Card Readers
Specific Equipment Supported: Honeywell Bull System
Units Controlled: 2
Programmable: No
Price: \$6,500

HONEYWELL, INC.
URP-8002
Controller Type: Add-in
Device Controlled: Card Units
Specific Equipment Supported: Honeywell Bull System
Units Controlled: 2
Programmable: No
Price: \$4,000

HONEYWELL, INC.
URP-8004
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Honeywell Bull System
Units Controlled: 2
Programmable: No
Price: \$4,000

HONEYWELL, INC.
VTS-7710
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: Honeywell DPS 6
Units Controlled: 4
Programmable: No
Price: \$10,385

HOUDAILLE INDUSTRIES
FABRIPOINT V
Controller Type: Add-in
Device Controlled: Printers, Teletypes, Display terminals, Floppy disk drives, Plotters, Memory Devices
Units Controlled: 1
Programmable: Yes
Price: \$26,000
(See Vendor Profile Page V-17)

IBEX COMPUTER CORP.
STC-100
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Pertec, Kennedy, Cipher
Units Controlled: 4
Programmable: No
Price: \$2,200
(See Vendor Profile Page V-17)

IBIS SYSTEMS, INC.
8880-3
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: ibs
8880-AA4

Controllers

Units Controlled: 16
Programmable: No
Price: \$65,050
(See Vendor Profile Page V-17)

IBIS SYSTEMS, INC.
5880-33
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Ibis 5880-B84
Units Controlled: 32
Programmable: No
Price: \$126,848

IBM
2701 DATA ADAPTOR UNIT
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 360, 370, 22-85, 30X, 195, 4300
Units Controlled: 4
Programmable: No
(See Vendor Profile Page V-17)

IBM
3274
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 360, 370, 4300, 30XX
(See Vendor Profile Page V-17)

IBM
3795-89 COMMUNICATIONS
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 370, 30XX
Units Controlled: 16
Programmable: Yes

IBM
3705-II
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM
Programmable: Yes

IBM
3725-I
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 370, 30XX, 4331, 4341
Programmable: Yes

IBM
INTEGRATED COMMUNICATIONS
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 4321, 4331
Units Controlled: 8
Programmable: No

IDEOGRAPHIX, INC.
CHINESE CHARACTER GENERATOR
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: Conrac, Centronics
Units Controlled: 4
Programmable: No
Price: \$5,000
(See Vendor Profile Page V-17)

IDEOGRAPHIX, INC.
IPX DISPLAY CONTROLLER
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Conrac SNA14
Units Controlled: 1
Programmable: Yes
Price: \$1,500

IDEOGRAPHIX, INC.
IPX KEYBOARD CONTROLLER
Controller Type: Add-on
Device Controlled: Keyboard
Specific Equipment Supported: Ideographics
Units Controlled: 4
Programmable: Yes
Price: \$2,000

IDEOGRAPHIX, INC.
IPX PRINTER CONTROLLER
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics, Dataproducts
Units Controlled: 1
Programmable: Yes
Price: \$1,500

IKIER TECHNOLOGY, INC.
HRG
Device Controlled: Memory Devices
Specific Equipment Supported: Ikier HRG
Units Controlled: 1
Programmable: Yes
Price: \$1,900
(See Vendor Profile Page V-18)

IKIER TECHNOLOGY, INC.
HRG-2
Controller Type: Add-in
Device Controlled: Memory Devices
Specific Equipment Supported: Ikier HRG 2
Units Controlled: 1
Programmable: Yes
Price: \$3,600

IKIER TECHNOLOGY, INC.
MPC/FRG
Controller Type: Add-in
Device Controlled: Memory Devices
Specific Equipment Supported: Ikier MPC/FRG
Units Controlled: 1
Programmable: Yes
Price: \$8,000

INDOCOMP, INC.
IND-1672 FLOPPY DISK CONTROLLER
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: MPIR, Shugart
Units Controlled: 4
Programmable: No
Price: \$960
(See Vendor Profile Page V-18)

INDOCOMP, INC.
IND-1900
Controller Type: Add-on
Device Controlled: Printers, Teleprinters, Display terminals, Plotters
Specific Equipment Supported: Gauto SPC 16
Units Controlled: 4
Programmable: No
Price: \$840

INFOLINK
MODEL 5123
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Infolink 1510, 1550, 5040, 5048, 5700
Units Controlled: 4
Programmable: Yes
Price: \$25,000 to \$80,000

INFORMATION DEVELOPMENT & APPLICATIONS, INC.
#600
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Cipher
Units Controlled: 4
Programmable: Yes
Price: \$4,495
(See Vendor Profile Page V-18)

INFORMATION PRODUCTS SYSTEMS
IPS 3200
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: PE 3200, STC, Telex
Units Controlled: 8
Programmable: No
Price: \$5,000
(See Vendor Profile Page V-19)

INFORMATION PRODUCTS SYSTEMS
IPS 3210
Controller Type: Add-on
Device Controlled: Cassette/Cartridges Devices
Specific Equipment Supported: PE 3200, STC, Telex
Units Controlled: 8
Programmable: No
Price: \$10,500

INFORMATION PRODUCTS SYSTEMS
IPS 5000
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Raytheon 500, Telex, STC
Units Controlled: 8
Programmable: No
Price: \$14,000

INFORMATION PRODUCTS SYSTEMS
IPS 7016
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives, CPU
Specific Equipment Supported: DEC PDP-11/70, STC, Telex
Units Controlled: 8
Programmable: No
Price: \$14,500

INFORMATION PRODUCTS SYSTEMS
IPS 7803
Controller Type: Add-on
Device Controlled: Display terminals, Magnetic Tape Drives
Specific Equipment Supported: DEC VAX-11/780, VAX-11/750, STC, Telex
Units Controlled: 8
Programmable: No

Price: \$10,500

INNER ACCESS CORP.
SCSI-1
Controller Type: Add-on
Device Controlled: Floppy disk drives, Rigid disk drives, Magnetic Tape Drives
Specific Equipment Supported: Iomega, Shugart
Units Controlled: 1
Price: \$150
(See Vendor Profile Page V-19)

INNOVATIVE ELECTRONICS, INC.
MC 40/10
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: IBM 2780, 3780, Teletype 40
Units Controlled: 1
Programmable: No
Price: \$1,070
(See Vendor Profile Page V-19)

INNOVATIVE ELECTRONICS, INC.
MC 40/20
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Burroughs, Teletype 40
Units Controlled: 1
Programmable: No
Price: \$1,070

INNOVATIVE ELECTRONICS, INC.
MC 40/40
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics, Teletype 40
Units Controlled: 1
Programmable: No
Price: \$795

INNOVATIVE ELECTRONICS, INC.
MC 40/50
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Dataproducts, Teletype 40
Units Controlled: 1
Programmable: No
Price: \$845

INNOVATIVE ELECTRONICS, INC.
MC 40/60
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Teletype 40
Units Controlled: 1
Programmable: No
Price: \$770

INNOVATIVE ELECTRONICS, INC.
MC 40/70
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Teletype 40
Units Controlled: 1
Programmable: No
Price: \$820

INNOVATIVE ELECTRONICS, INC.
MC 40/80
Controller Type: Add-in

Controllers

Device Controlled: Printers
Specific Equipment Supported: HP,
Teletype 40
Units Controlled: 1
Programmable: No
Price: \$770

INSTRUMENTATION TECHNOLOGY SYSTEMS 8341

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts 2230-2260, 2310-
2440, 2470-2550
Units Controlled: 1
Programmable: No
Price: \$940
(See Vendor Profile Page V-19)

INTEGRATED SOLUTIONS, INC.

RL101
Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$995
(See Vendor Profile Page V-19)

INTEL CORP.

ISBC 204
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 2
Programmable: Yes
Price: \$780
(See Vendor Profile Page V-19)

INTEL CORP.

ISBC 208
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$1,065

INTEL CORP.

ISBC 215G
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: Yes
Price: \$1,500

INTEL CORP.

ISBC 220
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: Yes
Price: \$2,500

INTEL CORP.

ISBX 217B
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: 3M
HDC-75
Units Controlled: 4
Programmable: Yes
Price: \$495

INTEL CORP.

ISBX 218A
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$540

INTERPHASE CORP. MAVERICK SMD PC 80

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
IBM Personal computer
Units Controlled: 2
Programmable: No
Price: \$1,895
(See Vendor Profile Page V-20)

INTERPHASE CORP.

SDC 2203
Controller Type: Add-in
Device Controlled: Floppy disk
drives, Magnetic Tape Drives
Units Controlled: 4
Programmable: No
Price: \$1,795

INTERPHASE CORP.

SMD 2180
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$1,995

INTERPHASE CORP.

SMD 2181
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$2,050

INTERPHASE CORP.

SMD 2190
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$2,250

INTERSIL SYSTEMS, INC.

ISB-3401 FLOPPY DISK
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
IBM 3740, System 34
Units Controlled: 4
(See Vendor Profile Page V-20)

INTERTEC

DSC-144
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
DSD 144, CDC
Units Controlled: 3
Programmable: No
Price: \$2,995
(See Vendor Profile Page V-20)

INTRON CORP.

6567
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Jupiter 7, AED 767
Units Controlled: 1
Programmable: No
Price: \$10,000
(See Vendor Profile Page V-20)

INTRON CORP.

6512
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
AED 512
Units Controlled: 1
Programmable: No
Price: \$10,000

INTRON CORP.

6579
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
IBM 3279
Units Controlled: 1
Programmable: No
Price: \$7,500

INTRON CORP.

6580
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
INSYS 8000
Units Controlled: 1
Programmable: Yes
Price: \$7,500

INTRON CORP.

INTEGRAL CONTROLLER
Controller Type: Add-on
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$10,000

IOMEGA CORP.

IOmega ALPHA-10 SUB SYSTEM
Controller Type: Add-in
Device Controlled:
Cassette/Cartridge Devices
Specific Equipment Supported:
Iomega Alpha 10, Slave Driver
Units Controlled: 4
Programmable: Yes
Price: \$1,080
(See Vendor Profile Page V-20)

ITHACA INTERSYSTEMS

FDC-2
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart 801, 851; Qume; Micropolis;
Seagate
Units Controlled: 4
Programmable: Yes
Price: \$650
(See Vendor Profile Page V-20)

ITHACA INTERSYSTEMS, INC.

HDA
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Priam, Shugart, Seagate, Olivetti
Units Controlled: 10
Programmable: Yes
Price: \$300
(See Vendor Profile Page V-20)

JADE COMPUTER PRODUCTS,

INC.
DOUBLE D
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: Yes
Price: \$395
(See Vendor Profile Page V-20)

JOHN BELL ENGINEERING

82-018 VIDEO TERMINAL BOARD
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
NTSC
Units Controlled: 1
Price: \$199
(See Vendor Profile Page V-21)

KLC CORP.

100
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Four Phase
Units Controlled: 2
Programmable: Yes
Price: \$5,000
(See Vendor Profile Page V-21)

KLC CORP.

200
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
IBM
Units Controlled: 1
Programmable: Yes
Price: \$3,500
(See Vendor Profile Page V-21)

KLC CORP.

300
Controller Type: Add-in, Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: PE,
Peritac, Kennedy
Units Controlled: 4
Programmable: No
Price: \$8,000

KLC CORP.

400
Controller Type: Add-in, Add-on
Device Controlled: Printers
Specific Equipment Supported:
Dataproducts, Centronics
Units Controlled: 1
Programmable: No
Price: \$6,000

KLC CORP.

500
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported:
Burroughs
Units Controlled: 1
Programmable: Yes
Price: \$3,500

KMW SYSTEMS CORP.

3270 SERIES II
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
LSI, TVI, ADDS, TEK
Units Controlled: 8
Programmable: No
Price: \$6,500
(See Vendor Profile Page V-21)

KMW SYSTEMS CORP.

GRAPHICS VECTOR PROCESSOR,
VP20
Controller Type: Add-on
Device Controlled: Printers, Plotters
Specific Equipment Supported:
Benson, Calcomp, Versatek, Matrix
Units Controlled: 2
Programmable: Yes
Price: \$12,000 to \$15,000

KMW SYSTEMS CORP.

GRAPHICS VECTOR PROCESSOR
VP10
Controller Type: Add-on
Device Controlled: Printers, Plotters
Specific Equipment Supported:
Benson, Calcomp, Versatek, Matrix
Units Controlled: 2
Programmable: Yes

Controllers

Price: \$5,000 to \$12,000

KMW SYSTEMS CORP.
GRAPHICS VECTOR PROCESSOR
VP-30
Device Controlled: Printers, Plotters
Units Controlled: 2
Programmable: Yes
Price: \$19,500

KMW SYSTEMS CORP.
HASP/3770 SERIES II
Device Controlled: Printers, Display
terminals, Plotters, Magnetic Tape
Drives
Units Controlled: 8
Programmable: No
Price: \$4,550

KONAN CORP.
DAVID JR.
Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$294
(See Vendor Profile Page V-21)

KONAN CORP.
DGC-100
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Seagate
Units Controlled: 2
Programmable: Yes
Price: \$395

KONAN CORP.
ENHANCER
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives, Cassette/Cartridge Devices
Specific Equipment Supported:
Cipher, CDC, Percomp
Units Controlled: 8
Programmable: Yes
Price: \$1,175

KONAN CORP.
SMC-180
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9448, Lark
Units Controlled: 4
Programmable: No
Price: \$998

KONAN CORP.
SMC-200
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9448, Lark
Units Controlled: 2
Programmable: No
Price: \$565

KONAN CORP.
TAISHO
Controller Type: Add-in
Device Controlled: Floppy disk
drives, Rigid disk drives
Units Controlled: 6
Price: \$695

LEE DATA CORP.
306 REMOTE SYSTEM
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Lee
Data
Units Controlled: 8
Programmable: No
(See Vendor Profile Page V-22)

Price: \$5,212
(See Vendor Profile Page V-21)

LEE DATA CORP.
308 REMOTE SYSTEMS
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Lee
Data
Units Controlled: 16
Programmable: No
Price: \$7,057

LEE DATA CORP.
310 REMOTE SYSTEM
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Lee
Data
Units Controlled: 32
Programmable: No
Price: \$12,361

LEE DATA CORP.
320 LOCAL SYSTEM
CONTROLLER
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Lee
Data
Units Controlled: 32
Programmable: No
Price: \$14,056

LEE DATA CORP.
321 LOCAL/REMOTE SYS
CONTROLLER
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Lee
Data
Units Controlled: 32
Programmable: No
Price: \$16,556

LEE DATA CORP.
410 3270/ASYNCH REMAT
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Lee
Data
Units Controlled: 32
Programmable: No
Price: \$14,820

LEE DATA CORP.
420 LOCAL/ASYNCH SYSTEM
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Lee
Data
Units Controlled: 32
Price: \$19,520

LEE DATA CORP.
421 LOCAL/REMOTE PLUS
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: Lee
Data
Units Controlled: 32
Programmable: No
Price: \$21,964

LHW RESEARCH CORP.
SYSTEM EXPANSION II
Controller Type: Add-in
Device Controlled: Printers, Floppy
disk drives
Specific Equipment Supported:
Radio Shack
Units Controlled: 4
Programmable: Yes
Price: \$399
(See Vendor Profile Page V-22)

LOBO SYSTEMS, INC.
LCA-22
Controller Type: Add-on
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: Yes
Price: \$599
(See Vendor Profile Page V-22)

LOCAL DATA, INC.
DALALYNX/3270
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Units Controlled: 2
Programmable: Yes
Price: \$1,450
(See Vendor Profile Page V-22)

LOCAL DATA, INC.
DALALYNX/3274
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Units Controlled: 9
Programmable: Yes
Price: \$6,000

LOCAL DATA, INC.
DALALYNX/3780
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Units Controlled: 2
Programmable: Yes
Price: \$1,750

LOCAL DATA, INC.
INTERLYNX/3278
Controller Type: Add-on
Device Controlled: Display terminals
Units Controlled: 1
Programmable: No
Price: \$1,395

LOCAL DATA, INC.
INTERLYNX/3287
Controller Type: Add-on
Device Controlled: Printers
Units Controlled: 1
Programmable: Yes
Price: \$1,750

**LOMAS DATA PRODUCTS,
INC.**
LDP-72
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$275
(See Vendor Profile Page V-22)

**LOMAS DATA PRODUCTS,
INC.**
LDP-256K
Controller Type: Add-in
Device Controlled: Memory Devices
Programmable: No
Price: \$795

**LOMAS DATA PRODUCTS,
INC.**
OCTAPORT
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Units Controlled: 8
Programmable: Yes
Price: \$325

**LOMAS DATA PRODUCTS,
INC.**
RAM67
Controller Type: Add-in
Device Controlled: Memory Devices
Price: \$1,200

MACROLINK
201105
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: PE
Units Controlled: 1
Programmable: No
Price: \$725
(See Vendor Profile Page V-22)

MACROLINK
201200
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: PE
Units Controlled: 4
Programmable: No
Price: \$3,475

MACROLINK
201800 STREAMER TAPE
ADAPTER
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: PE
Units Controlled: 4
Programmable: No
Price: \$1,225

**MANAGEMENT ASSISTANCE,
INC.**
110
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Basic Four
Units Controlled: 16
Programmable: No
Price: \$16,990
(See Vendor Profile Page V-22)

**MANAGEMENT ASSISTANCE,
INC.**
210
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Basic Four
Units Controlled: 16
Programmable: No
Price: \$28,280

**MANAGEMENT ASSISTANCE,
INC.**
310
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Basic Four
Units Controlled: 16
Programmable: No
Price: \$52,835

**MANAGEMENT ASSISTANCE,
INC.**
510
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Basic Four
Units Controlled: 16
Programmable: No
Price: \$50,065

Controllers

MANAGEMENT ASSISTANCE, INC.

580
Controller Type: Add-in
Device Controlled: Printers, Display terminals
Specific Equipment Supported:
Basic Four
Units Controlled: 4
Programmable: No

MANAGEMENT ASSISTANCE, INC.

710
Controller Type: Add-in
Device Controlled: Printers, Display terminals
Specific Equipment Supported:
Basic Four
Units Controlled: 32
Programmable: No
Price: \$66,970

MANAGEMENT ASSISTANCE, INC.

810
Controller Type: Add-in
Device Controlled: Printers, Display terminals
Specific Equipment Supported:
Basic Four
Units Controlled: 64
Programmable: No
Price: \$125,929

MANAGEMENT ASSISTANCE, INC.

HIGH SPEED CONTROLLER
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Basic Four
Units Controlled: 24
Programmable: No
Price: \$2,500

MANAGEMENT ASSISTANCE, INC.

PARALLEL DEVICE CONTROLLER
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
Basic Four
Units Controlled: 1
Programmable: No
Price: \$2,000

MDB SYSTEMS, INC.

CARD READER CONTROL/MDB-4016
Controller Type: Add-in
Device Controlled: Card Reader
Specific Equipment Supported:
Documentation M200, M600; Truedata
Units Controlled: 1
Programmable: No
Price: \$1,100
(See Vendor Profile Page V-23)

MDB SYSTEMS, INC.

CARD READER CONTROL/MDB-45-235
Controller Type: Add-in
Device Controlled: Card Reader
Specific Equipment Supported:
Documentation M200, M600; True Data
Units Controlled: 1
Programmable: No
Price: \$875

MDB SYSTEMS, INC.

CARD READER CONTROLLER/MDB-CR11
Controller Type: Add-in
Device Controlled: Card Reader

Specific Equipment Supported:
Documentation M200, M600; Truedata
Units Controlled: 1
Programmable: No
Price: \$875

MDB SYSTEMS, INC.

CARD READER CONTROL/MLSI-CR11
Controller Type: Add-in
Device Controlled: Card Reader
Specific Equipment Supported:
Documentation M200, M600; Truedata
Units Controlled: 1
Programmable: No
Price: \$850

MDB SYSTEMS, INC.

DISK CONTROLLER/MDB-RM11-Q
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9715, 9762; Fujitsu 2312, 2284; STC 8775; Kennedy 5380
Units Controlled: 2
Programmable: Yes
Price: \$2,800

MDB SYSTEMS, INC.

DISK CONTROLLER/MLSI-RM11
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9715, 9762; Fujitsu 2312, 2284; STC 8775; Kennedy 5380
Units Controlled: 2
Programmable: Yes
Price: \$2,800

MDB SYSTEMS, INC.

DISK CONTROLLER 1MDB-RM11-H
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9715, 9762; Fujitsu 2312, 2284; STC 8775; Kennedy 5380
Units Controlled: 4
Programmable: Yes
Price: \$3,500

MDB SYSTEMS, INC.

INCREMENTAL PLOTTER CTRL/MDB-XYII
Controller Type: Add-in
Device Controlled: Plotters, Incremental X-Y
Specific Equipment Supported:
Calcomp 500, Houst
Units Controlled: 1
Price: \$1,250

MDB SYSTEMS, INC.

LINE PRINTER CONTROL/MBI-49-LFC
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics, Dataproducts, Printronix
Units Controlled: 1
Price: \$1,995

MDB SYSTEMS, INC.

LINE PRINT CONTROLLER/MDB-45-204
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics, Dataproducts, Printronix
Units Controlled: 1
Price: \$990

MDB SYSTEMS, INC.

LINE PRINTER CONTROL/MDB-LP11-A
Controller Type: Add-in

Device Controlled: Printers
Units Controlled: 1

Programmable: No
Price: \$1,250

MDB SYSTEMS, INC.

LINE PRINTER CONTROL/MDB-4034
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics, Dataproducts, Printronix, Xerox 2700
Units Controlled: 1
Programmable: No
Price: \$750

MDB SYSTEMS, INC.

LINE PRINTER CONTROL/MDB-42XX
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics, Dataproducts, Printronix
Units Controlled: 1
Programmable: No
Price: \$1,500

MDB SYSTEMS, INC.

LINE PRINTER CONTROLLER/MDB-LPIII
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics 100, 300; Dataproducts; Printronix; Xerox 2700
Units Controlled: 1
Programmable: No
Price: \$750

MDB SYSTEMS, INC.

LINE PRINTER CTRL/MDB-4034-A
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$995

MDB SYSTEMS, INC.

LINE PRINTER CONTROL/MDV5-HP-LPC
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics, Dataproducts, Printronix
Units Controlled: 1
Programmable: No
Price: \$850

MDB SYSTEMS, INC.

LINE PRINT CONTROLLER/MLSI-LPII-A
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$650

MDB SYSTEMS, INC.

LINE PRINTER CONTROLLER/MLSI-LPIII
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics, Dataproducts, Xerox 2700, Printronix
Units Controlled: 1
Programmable: No
Price: \$475

MDB SYSTEMS, INC.

MBI-49-TTY
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals

Specific Equipment Supported:
IBM 3101, Soroc, Lear Siegler, TI 810
Units Controlled: 1
Price: \$650

MDB SYSTEMS, INC.

MDL-11
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals
Specific Equipment Supported:
DEC VT100, VT11; Lear Siegler, Televideo; C-Itoh
Units Controlled: 1
Programmable: No
Price: \$825

MDB SYSTEMS, INC.

MDL-11W
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals
Specific Equipment Supported:
DEC VT100, VT11; Lear Siegler, Televideo; C-Itoh
Units Controlled: 1
Programmable: No
Price: \$795

MDB SYSTEMS, INC.

MLSI-DLVII
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals
Specific Equipment Supported:
DEC VT100, VT11; Lear Siegler, IBM 3101; Televideo
Units Controlled: 1
Programmable: No
Price: \$475

MDB SYSTEMS, INC.

MLSI-DLVII-F
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals
Specific Equipment Supported:
DEC VT100, VT11; Lear Siegler, Televideo; C-Itoh
Units Controlled: 1
Programmable: Yes
Price: \$350

MDB SYSTEMS, INC.

MLSI-DLVII-FX
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals
Specific Equipment Supported:
DEC VT100, VT11; IBM 3101; Lear Siegler; Soroc
Units Controlled: 1
Programmable: Yes
Price: \$385

MDB SYSTEMS, INC.

MULTIPLE I/O BOARD/MDB-M10B-A
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals
Specific Equipment Supported:
Soroc, Lear Siegler, Televideo, IBM 3101
Units Controlled: 1
Programmable: No
Price: \$400

MDB SYSTEMS, INC.

PAPER TAPE CONTROL/MDB-PC11
Controller Type: Add-in
Device Controlled: Paper Tape Reader

Controllers

Specific Equipment Supported:
Remex, Ecco, Digitronix
Units Controlled: 1
Programmable: No
Price: \$750

MD8 SYSTEMS, INC.
PAPER TAPE CTRL/MSI-PCII
Controller Type: Add-in
Device Controlled: Paper Tape
Read
Specific Equipment Supported:
Remex, Ecco, Digitronix
Units Controlled: 1
Price: \$750

MD8 SYSTEMS, INC.
PASLA 1 MDB-47-102
Controller Type: Add-in
Device Controlled: Printers,
Teleprinters, Display terminals
Specific Equipment Supported:
Sorc, Lear Siegler, C-Itoh, TI
Units Controlled: 1
Programmable: Yes
Price: \$450

MD8 SYSTEMS, INC.
PRINTER PLOTTER
CONTROL/MDB-LVII
Device Controlled: Plotters, Printer
Plotter
Specific Equipment Supported:
Versatec, Trilog T1100-A; Houst
8411-A, 84
Units Controlled: 1
Price: \$1,450

MD8 SYSTEMS, INC.
PRINTER PLOTTER
CONTROL/MSI-LVII
Controller Type: Add-in
Device Controlled: Plotters
Specific Equipment Supported:
Versatec, Trilog T1100-A; Houst
8411-A, 84
Units Controlled: 1
Price: \$975

MD8 SYSTEMS, INC.
TAPE CONTROLLER/MDB-TM11
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Pertec, Kennedy
Units Controlled: 4
Programmable: Yes
Price: \$2,950

MD8 SYSTEMS, INC.
TAPE CONTROLLER/MSI-TM11
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Pertec

MD8 SYSTEMS, INC.
WINCHESTER/FLOPPY
CTRL/MSI-WFCII
Controller Type: Add-in
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Tandon 5 Flow, Seagate, Shugart,
Quantum
Units Controlled: 4
Price: \$1,995

MD8 SYSTEMS, INC.
X-Y INCREMENTAL PLOTTER
CONTROLLER
Controller Type: Add-in
Device Controlled: Plotters

Specific Equipment Supported:
Calcomp 500, Houst
Units Controlled: 1
Programmable: No
Price: \$700

MD8 TRIVEX
MODEL 8074
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
IBM 3270, MDS Trivex
Units Controlled: 32
Programmable: No
Price: \$4,950
(See Vendor Profile Page V-23)

**MEASUREMENT SYSTEMS &
CONTROLS, INC.**
CTC-2900
Controller Type: Add-in
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported: 3M
Units Controlled: 1
Programmable: Yes
Price: \$385
(See Vendor Profile Page V-23)

**MEASUREMENT SYSTEMS &
CONTROLS, INC.**
FDC-2600
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 1
Programmable: Yes
Price: \$408

**MEASUREMENT SYSTEMS &
CONTROLS, INC.**
HDC-2900
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 10
Programmable: Yes
Price: \$408

MEGALOGIC CORP.
QIM-1/MN
Controller Type: Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Qantex
Units Controlled: 1
Programmable: No
Price: \$325
(See Vendor Profile Page V-23)

MEGALOGIC CORP.
QIM-1/MX
Controller Type: Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Qantex
Units Controlled: 8
Programmable: Yes
Price: \$895

MEGALOGIC CORP.
TIM-1/MX
Controller Type: Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: IDT
Units Controlled: 8
Programmable: Yes
Price: \$895

MEMOREX CORP.
2074 SNA/SDLC
Controller Type: Add-on

Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
IBM 3270
Units Controlled: 32
Programmable: Yes
(See Vendor Profile Page V-23)

MEMOREX CORP.
2678
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
IBM 3270
Units Controlled: 8
Programmable: No

MEMTEC
M1000 COMPANION CONTROLLER
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Mentec
Units Controlled: 4
Programmable: No
Price: \$495

MEMTEC
M1100 COMPANION
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Mentec
Units Controlled: 4
Programmable: No
Price: \$250

MEMTEC
M1200
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Mentec
Units Controlled: 4
Programmable: No
Price: \$250

**MENTAL LOGIC
LABORATORIES**
DG1-08
Controller Type: Add-in
Device Controlled: Card Punch
Specific Equipment Supported: GE
235
Units Controlled: 1
Programmable: No
Price: \$1,200
(See Vendor Profile Page V-23)

**MENTAL LOGIC
LABORATORIES**
DG1-083
Controller Type: Add-in
Device Controlled: Card Punch
Units Controlled: 1
Price: \$1,200

**MENTAL LOGIC
LABORATORIES**
DG1-42/52
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
DEC PDP-8
Units Controlled: 1
Price: \$400

**MENTAL LOGIC
LABORATORIES**
DG1-44/54
Controller Type: Add-in

Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$500

**MENTAL LOGIC
LABORATORIES**
DG1-46/56
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
DEC LSI-11
Units Controlled: 1
Programmable: No
Price: \$250

**MENTAL LOGIC
LABORATORIES**
DG1-ADL
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$300

**MENTAL LOGIC
LABORATORIES**
DG1-44B/54B
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$800

**MENTAL LOGIC
LABORATORIES**
DG1-41/51
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
DEC PDP-11
Units Controlled: 1
Programmable: No
Price: \$500

**MENTAL LOGIC
LABORATORIES**
DG1-43/53
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: DG
Nova
Units Controlled: 1
Programmable: No
Price: \$550

**MENTAL LOGIC
LABORATORIES**
DGP-44/54
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$1,200

**MENTAL LOGIC
LABORATORIES**
DGP-64
Controller Type: Add-on
Device Controlled: Card Reader
Units Controlled: 1
Price: \$1,200

**MENTAL LOGIC
LABORATORIES**
DGP-64T
Controller Type: Add-on
Device Controlled: Printers
Units Controlled: 1
Price: \$1,200

**MENTAL LOGIC
LABORATORIES**
DGP-444
Controller Type: Add-on

Controllers

Device Controlled: Printers, Display terminals, Card Reader
Units Controlled: 3
Programmable: No
Price: \$1,500

METHEUS CORP.
DISPLAY CONTROLLER U 400
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: DEC
Units Controlled: 1
Programmable: No
Price: \$11,950
(See Vendor Profile Page V-23)

METHEUS CORP.
DISPLAY CONTROLLER U 500
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: DEC
Units Controlled: 1
Programmable: No
Price: \$16,950

MICRO TECHNOLOGY, INC.
MLV11
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Quantum 2000 Series, Shugart SA1000
Units Controlled: 2
Programmable: No
(See Vendor Profile Page V-24)

MICRO TECHNOLOGY, INC.
MLV11M
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Rodime, Seagate 412, IMI 2012H, CMI 5412
Units Controlled: 2
Programmable: No

MICRO TECHNOLOGY, INC.
MX
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: DEC PDP-11; Shugart 850, 800
Units Controlled: 2
Programmable: No

MICRO TECHNOLOGY, INC.
MXV21
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Shugart 800, 850
Units Controlled: 2
Programmable: No

MICRO TECHNOLOGY, INC.
MXV22
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Shugart SA850, SA800; DEC PDP-11
Units Controlled: 2
Programmable: No

MICRO TECHNOLOGY, INC.
MXV22M
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported:

Shugart 96-TRI, SA-460
Units Controlled: 2
Programmable: No

MICRO TECHNOLOGY, INC.
MXV42C
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Shugart SA800, SA460, SA850
Units Controlled: 4
Programmable: No

MILTOPE CORP.
DC400
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Mittope
Units Controlled: 2
Programmable: No
Price: \$7,800
(See Vendor Profile Page V-24)

MILTOPE CORP.
DC401
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Mittope
Units Controlled: 2
Programmable: No
Price: \$7,800
(See Vendor Profile Page V-24)

MILTOPE CORP.
RD407
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Mittope RD45
Units Controlled: 2
Programmable: No
Price: \$18,000

MILTOPE CORP.
TC-NTDS
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Mittope AT1161
Units Controlled: 4
Programmable: No
Price: \$27,500

MILTOPE CORP.
TC-X
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Mittope
Units Controlled: 4
Programmable: Yes
Price: \$20,000

MILTOPE CORP.
TC11
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DEC PDP-11, Mittope AT1161
Units Controlled: 4
Price: \$20,000

MILTOPE CORP.
TC400
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives

Specific Equipment Supported: Mittope AT1161, IBM
Units Controlled: 4
Programmable: No
Price: \$23,100

MINICOMPUTER TECHNOLOGY
2410
Controller Type: Add-in
Device Controlled: Printers, Rigid disk drives, Magnetic Tape Drives
Specific Equipment Supported: Archive, Cipher, Centronics, DG Nova
Units Controlled: 8
Programmable: No
Price: \$2,200
(See Vendor Profile Page V-24)

MINICOMPUTER TECHNOLOGY
2414
Controller Type: Add-in
Device Controlled: Printers, Rigid disk drives, Magnetic Tape Drives
Specific Equipment Supported: DG Nova, Eclipse, Archive; Priam
Units Controlled: 9
Programmable: No
Price: \$2,800

MINICOMPUTER TECHNOLOGY
2420
Device Controlled: Rigid disk drives, Magnetic Tape Drives
Specific Equipment Supported: DG Nova, Eclipse, Priam
Units Controlled: 8
Programmable: No
Price: \$2,200

MINICOMPUTER TECHNOLOGY
2425
Controller Type: Add-in
Device Controlled: Rigid disk drives, Magnetic Tape Drives
Specific Equipment Supported: Priam, Cipher, Tandberg, DG
Units Controlled: 10
Programmable: No
Price: \$2,800

MINICOMPUTER TECHNOLOGY
EDC 22
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: DG
Units Controlled: 4
Programmable: No
Price: \$3,800

MINICOMPUTER TECHNOLOGY
EDC 24
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: DEC
Units Controlled: 2
Programmable: No
Price: \$3,800

MINICOMPUTER TECHNOLOGY
SMC 12
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: DG
Units Controlled: 4
Programmable: No
Price: \$3,400

MINICOMPUTER TECHNOLOGY
SMC 902
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: DG
Units Controlled: 2
Programmable: No
Price: \$2,900

MINICOMPUTER TECHNOLOGY
SMC 903
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: PE
Units Controlled: 2
Programmable: No
Price: \$3,000

MINICOMPUTER TECHNOLOGY
SMV 15
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: DEC
Units Controlled: 2
Programmable: No
Price: \$3,400

MINICOMPUTER TECHNOLOGY
TDC 802
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: DG, CDC
Units Controlled: 4
Programmable: No
Price: \$2,800

MINICOMPUTER TECHNOLOGY
TDC 803
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: CDC, PE
Units Controlled: 4
Price: \$2,800

MONITOR DYNAMICS, INC.
HDC1010
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Shugart SA 4000, SA 1000; Seagate ST506, ST412
Units Controlled: 2
Programmable: Yes
Price: \$500
(See Vendor Profile Page V-25)

MONITOR DYNAMICS, INC.
HDC1012
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$500

MONITOR DYNAMICS, INC.
HDC1013
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Evotec, Atari, CDC, Maxtor
Units Controlled: 2
Programmable: Yes
Price: \$500

MONITOR DYNAMICS, INC.
HDC2000
Controller Type: Add-on

Controllers

Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart SA 4000, SA 1000; Seagate
ST506, ST412
Units Controlled: 2
Programmable: Yes
Price: \$550

MORROW DESIGNS

DJ/DMA
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: No
Price: \$600
(See Vendor Profile Page V-25)

MORROW DESIGNS

HDC/DMA
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Seagate ST506
Units Controlled: 4
Programmable: No
Price: \$600

MORROW DESIGNS

HDCA-4
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart SA4008, Fujitsu
Units Controlled: 4
Programmable: No
Price: \$695

MOSELEY ASSOCIATES, INC.

MRC-1
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
ADDS Viewpoint, Teletype 43
Units Controlled: 2
Programmable: Yes
Price: \$6,995
(See Vendor Profile Page V-25)

MOSELEY ASSOCIATES, INC.

MRC-2
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Programmable: Yes
Price: \$14,995

MOSELEY ASSOCIATES, INC.

MRC-TE80
Controller Type: Add-on
Device Controlled: Display terminals
Programmable: Yes
Price: \$3,695

MOSTEK CORP.

MDX-CPU3
Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Centronics
Units Controlled: 2
Programmable: Yes
Price: \$695
(See Vendor Profile Page V-25)

MOSTEK CORP.

MDX-CPU4
Controller Type: Add-on
Device Controlled: Display terminals
Units Controlled: 1
Programmable: Yes
Price: \$375

MOSTEK CORP.

MDX-DEBUG
Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 1
Programmable: Yes
Price: \$400

MOSTEK CORP.

MDX-EPROM/VART
Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 1
Programmable: Yes
Price: \$190

MOSTEK CORP.

MDX-FLP2
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$450

MOSTEK CORP.

MDX-PIO
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics
Units Controlled: 1
Programmable: Yes
Price: \$195

MOSTEK CORP.

MDX-SASI
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 1
Programmable: Yes
Price: \$169

MOSTEK CORP.

MDX-5102
Controller Type: Add-in
Device Controlled: Printers, Display
terminals, Plotters
Units Controlled: 2
Programmable: Yes
Price: \$213

MOSTEK CORP.

RADIUS
Controller Type: Add-on
Device Controlled: Display terminals
Units Controlled: 1
Programmable: Yes
Price: \$2,995

MOSTEK CORP.

IDE-COMBO
Controller Type: Add-in
Device Controlled: Display
terminals, Floppy disk drives
Units Controlled: 4
Programmable: Yes
Price: \$1,195

MOSTEK CORP.

IDE-FLP-80E
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$955

MOSTEK CORP.

IDE-DEM-80E
Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 1
Programmable: Yes
Price: \$859

MOSTEK CORP.

VME-FDC
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$1,250

MOSTEK CORP.

VME-SASI
Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 1
Programmable: Yes
Price: \$1,250

MOSTEK CORP.

VME-SBC
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Units Controlled: 2
Programmable: Yes
Price: \$1,395

MOSTEK CORP.

VME-510
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Units Controlled: 4
Programmable: Yes
Price: \$925

MOTOROLA, INC.

KVM 21
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: No
Price: \$3,125
(See Vendor Profile Page V-25)

MOTOROLA, INC.

MSKVM20
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: No
Price: \$2,500

MOUNTAIN COMPUTER, INC.

IBM HARD DISK CONTROLLER
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Mountain 0149303
Units Controlled: 1
Programmable: No
Price: \$450
(See Vendor Profile Page V-25)

MULTI-SYSTEMS

R/L1
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Specific Equipment Supported: TI
940; DEC VT-100; Teletype 925,
950; Hazeltine
Units Controlled: 14
Programmable: Yes
Price: \$1,500 to \$3,000
(See Vendor Profile Page V-25)

MULTI-SYSTEMS

R/L2
Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Specific Equipment Supported: TI
940; DEC VT100; Teletype 925,

950; Hazeltine
Units Controlled: 20
Programmable: Yes
Price: \$2,000 to \$6,000

MULTI-SYSTEMS TERMINAL CLUSTER CONTROLLER

Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported: TI
940; DEC VT100; Teletype 925,
950; Hazeltine
Units Controlled: 16
Programmable: Yes
Price: \$11,000

NATIONAL SEMICONDUCTOR

CORP.
BLC-8222
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart, Seamans FD100-8, Qume
DataTrack
Units Controlled: 4
Programmable: Yes
Price: \$800
(See Vendor Profile Page V-26)

NATIONAL SEMICONDUCTOR

CORP.
BLC-8224
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart, Qume FD100-8,
Seamaster, DataTrack
Units Controlled: 4
Price: \$800
(See Vendor Profile Page V-26)

NATIONAL SEMICONDUCTOR

CORP.
BLC-8228
Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 1
Programmable: Yes
Price: \$800

NATIONAL SEMICONDUCTOR

CORP.
BLC-8229
Controller Type: Add-in
Device Controlled: Dot Matrix
Units Controlled: 1
Programmable: Yes
Price: \$800

NCR CORP.

B47-P001
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics
Units Controlled: 1
Price: \$2,258
(See Vendor Profile Page V-26)

NCR CORP.

8320-2401
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics
Units Controlled: 1
Price: \$2,650

NCR CORP.

8325
Controller Type: Add-in

Controllers

Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Computer Peripherals
Units Controlled: 2
Programmable: No
Price: \$17,000

NCR CORP.

8370-0401
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Computer Peripherals
Units Controlled: 4
Programmable: No
Price: \$56,122

NCR CORP.

8370-0601
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Computer Peripherals
Units Controlled: 4
Programmable: No
Price: \$59,347
(See Vendor Profile Page V-00)

NCR CORP.

8370-0801
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Computer Peripherals
Units Controlled: 4
Programmable: No
Price: \$33,900

NCR CORP.

8420-2161
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: No
Price: \$2,650

NCR CORP.

8420-2301
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: No
Price: \$2,650

NCR CORP.

8420-3202
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: No
Price: \$2,650

NCR CORP.

8420-401
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: No
Price: \$2,650

NCR CORP.

8420-P002
Controller Type: Add-in

Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: No
Price: \$2,650

NCR CORP.

6530
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$4,100
(See Vendor Profile Page V-00)

NCR CORP.

6539 I/O LINK ADAPTOR
Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 8
Programmable: No
Price: \$6,500

NCR CORP.

6559 I/O LINK ADAPTOR
Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 8
Programmable: No
Price: \$18,500

NCR CORP.

6559 I/O LINK ADAPTOR
Controller Type: Add-on
Device Controlled: Rigid disk drives
Units Controlled: 8
Price: \$18,530

NICOLET ZETA CORP.

6300
Controller Type: Add-in
Device Controlled: Plotters
Specific Equipment Supported: Nicolet Zeta 365SSX
Units Controlled: 1
Programmable: Yes
(See Vendor Profile Page V-26)

NICOLET ZETA CORP.

ZETA C83
Controller Type: Add-in
Device Controlled: Plotters
Specific Equipment Supported: Nicolet Zeta 3610, 5400
Units Controlled: 1
Programmable: Yes
Price: \$43,800 to \$57,800

OMTI

10F
Controller Type: Add-in, Add-on
Device Controlled: Cassette/Cartridges Devices
Specific Equipment Supported: Discron DP100/400, Quantum Q2000, Shugart SA1000
Units Controlled: 4
Programmable: Yes
Price: \$695
(See Vendor Profile Page V-27)

OMTI

10G
Controller Type: Add-in, Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Discron 100/400
Units Controlled: 4
Programmable: Yes
Price: \$655

OMTI

20C-1
Controller Type: Add-in, Add-on

Device Controlled: Rigid disk drives
Specific Equipment Supported: Maxtor K-X 1000
Units Controlled: 2
Programmable: Yes
Price: \$275

OMTI

20D
Controller Type: Add-in, Add-on
Device Controlled: Floppy disk drives, Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$350

OMTI

20D-1
Controller Type: Add-in, Add-on
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$350

OMTI

MODEL 10A
Controller Type: Add-in, Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Shugart SA1000, Quantum Q2000
Units Controlled: 4
Programmable: Yes
Price: \$565

OMTI

MODEL 10B
Controller Type: Add-in, Add-on
Device Controlled: Floppy disk drives, Rigid disk drives
Specific Equipment Supported: Quantum, Shugart
Units Controlled: 4
Programmable: Yes
Price: \$695

OMTI

MODEL 20C
Controller Type: Add-in, Add-on
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$275

OMTI

MODEL 20C-2
Controller Type: Add-in, Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Evotek 5800
Units Controlled: 2
Programmable: Yes
Price: \$275

OMTI

MODEL 20L
Controller Type: Add-in, Add-on
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$215

ONYX & IMI, INC.

7000 SERIES EIGHT INCH DISK DRIVE
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: IMI 7000 Series
Units Controlled: 1
Programmable: No
(See Vendor Profile Page V-27)

ONYX & IMI, INC.

C5H
Controller Type: Add-on

Device Controlled: Rigid disk drives
Specific Equipment Supported: IMI 5000H
Units Controlled: 2
Programmable: No
Price: \$385

PALM BEACH COMPUTERS, INC.

INTEGRAL
Controller Type: Add-on
Device Controlled: Floppy disk drives, Rigid disk drives
Specific Equipment Supported: Tandem TM100-400, MPI 92-93-94-9, Shugart, Seamans
Units Controlled: 4
Programmable: No
Price: \$495
(See Vendor Profile Page V-27)

PCE SYSTEMS

BSR256
Device Controlled: Memory Devices
Units Controlled: 4
Programmable: Yes
Price: \$1,000
(See Vendor Profile Page V-28)

PCE SYSTEMS

FDC 806
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Shugart 801, Shugart 810/860 SE
Units Controlled: 4
Price: \$480

PCE SYSTEMS

FDC-4000
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Shugart SA4000, Fujitsu M2303BE
Units Controlled: 1
Price: \$895

PERIPHERAL TECHNOLOGY, INC.

SCAT 1
Controller Type: Add-in
Device Controlled: Display terminals
Specific Equipment Supported: TVI 925, 950
Units Controlled: 1
Programmable: No
Price: \$705
(See Vendor Profile Page V-28)

PERIPHERAL TECHNOLOGY, INC.

SCAT 2101
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: IBM 3274, PTI
Units Controlled: 1
Programmable: Yes
Price: \$995

PERIPHERAL TECHNOLOGY, INC.

SCAT 2501
Controller Type: Add-on
Device Controlled: Display terminals
Specific Equipment Supported: IBM 3274, PTI
Units Controlled: 5
Programmable: Yes
Price: \$2,995

PER SCI, INC.

1070
Controller Type: Add-on

Controllers

Device Controlled: Floppy disk drives
Specific Equipment Supported: Persci 277, 299B
Units Controlled: 8
Programmable: No
Price: \$595
(See Vendor Profile Page V-28)

PER SCI, INC.
1170
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Persci 277, 299B
Units Controlled: 8
Programmable: No
Price: \$1,050

PLESSEY PERIPHERAL SYSTEMS
DC02A
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$3,900
(See Vendor Profile Page V-29)

PLESSEY PERIPHERAL SYSTEMS
DC11A
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: PE
Programmable: No
Price: \$1,345

PLESSEY PERIPHERAL SYSTEMS
DC11A
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: PE
Programmable: No
Price: \$1,345

PLESSEY PERIPHERAL SYSTEMS
DCV5A
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: No
Price: \$3,160

PLESSEY PERIPHERAL SYSTEMS
DCV11A
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: PE
Programmable: No
Price: \$1,095

PLESSEY PERIPHERAL SYSTEMS
DCVQ2A
Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$3,160

PLESSEY PERIPHERAL SYSTEMS
TC11B
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Kennedy 9000, 9100
Units Controlled: 4
Programmable: No

Price: \$2,800

PLESSEY PERIPHERAL SYSTEMS
XC31
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Shugart
Units Controlled: 2
Programmable: No
Price: \$915

PLESSEY PERIPHERAL SYSTEMS
XCV31
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Shugart
Units Controlled: 2
Programmable: No
Price: \$980

PRACTICAL PERIPHERALS, INC.
INLINE
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: No
Price: \$299
(See Vendor Profile Page V-29)

PRACTICAL PERIPHERALS, INC.
MICROBUFFER E
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Epson, IBM Personal Computer
Units Controlled: 1
Programmable: No
Price: \$159

PRACTICAL PERIPHERALS, INC.
MICROBUFFER II
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: No
Price: \$219

PRACTICAL PERIPHERALS, INC.
MICROBUFFER II PLUS
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: Yes
Price: \$259 to \$349

PRESEARCH, INC.
3274
Controller Type: Add-in
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 3275
Units Controlled: 32
Programmable: Yes
Price: \$6,995
(See Vendor Profile Page V-29)

PRESEARCH, INC.
3275
Controller Type: Add-in
Device Controlled: Display terminals

Specific Equipment Supported: IBM 3275
Units Controlled: 1
Programmable: No
Price: \$2,500

PRESEARCH, INC.
CC 3276
Controller Type: Add-in
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 3276
Units Controlled: 2
Programmable: No
Price: \$3,350

PRESEARCH, INC.
EM 3276 BISYNCHRONOUS
Controller Type: Add-in
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 3276
Units Controlled: 2
Programmable: No
Price: \$2,600

PRIAM CORP.
SMART
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Priam Winchester
Units Controlled: 4
Price: \$340
(See Vendor Profile Page V-29)

PRIAM CORP.
SMART-E
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported: Priam
Units Controlled: 4
Price: \$520

PRIAM CORP.
SMART-T
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Cume, Archive, Priam
Units Controlled: 4

PROMETHEUS PRODUCTS
APPLESURANCE
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Apple
Units Controlled: 2
Programmable: No
Price: \$125
(See Vendor Profile Page V-29)

PROMETHEUS PRODUCTS
GRAPHITI
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Centronics
Units Controlled: 1
Price: \$125

QANTEL CORP.
4804
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Qantel, Dataproducts, Teletype, Diablo

Units Controlled: 31
Price: \$1,500
(See Vendor Profile Page V-30)

QUALITY COMPUTER SERVICE
BIG BLUE
Controller Type: Add-on
Device Controlled: Printers, Rigid disk drives
Specific Equipment Supported: Centronics
Units Controlled: 1
Programmable: Yes
Price: \$595
(See Vendor Profile Page V-30)

QUALITY COMPUTER SERVICE
DSK 62
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Epson QX10, Canon AS10, TI Professional
Units Controlled: 4
Programmable: Yes
Price: \$2,499

QUALITY COMPUTER SERVICE
DSK 63
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Epson QX10, Canon AS10, TI Professional
Units Controlled: 4
Programmable: Yes
Price: \$2,799

QUALITY COMPUTER SERVICE
DSK 64
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Epson QX10, Canon AS10, TI Professional
Units Controlled: 4
Programmable: Yes
Price: \$4,499

QUALITY COMPUTER SERVICE
DSK 85
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Epson QX10, Canon AS10, TI Professional, IBM
Units Controlled: 4
Programmable: Yes
Price: \$2,999

QUALITY COMPUTER SERVICE
DSK 87
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Epson QX10, Canon AS10, TI Professional, IBM
Units Controlled: 4
Programmable: Yes
Price: \$4,999

QUALITY COMPUTER SERVICE
DSK 88
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Epson QX10, Canon AS10, TI Professional

Controllers

Units Controlled: 4
Programmable: Yes
Price: \$7,999

QUALITY MICRO SYSTEMS, INC.

DATA PRODUCTS SERIES
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Dataproducts D50, B300, M200, B800
Units Controlled: 1
Programmable: Yes
Price: \$2,495
(See Vendor Profile Page V-30)

QUALITY MICRO SYSTEMS, INC.

MAGNUM SERIES CONTROLLERS
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Printronics P300, P600, MUP
Units Controlled: 1
Programmable: Yes
Price: \$2,395 to \$3,495

QUALITY MICRO SYSTEMS, INC.

OMS 8310/34
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Diablo 630
Units Controlled: 1
Programmable: Yes
Price: \$1,695

QUALITY MICRO SYSTEMS, INC.

OMS SERIES
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Printronics P300, Printronics P600, Printronics MUP
Price: \$1,995

QUALITY MICRO SYSTEMS, INC.

QUIC-GRIP
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: Yes

QUENTIN RESEARCH, INC.

AP120
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Apple II, IIE
Units Controlled: 2
Programmable: No
Price: \$65
(See Vendor Profile Page V-30)

RACAL-MILGO, INC.

MODEL 4274 LOCAL CLUSTER CONTROLLER
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: Milgo 4278, 4550
Units Controlled: 16
Programmable: Yes
Price: \$7,000 to \$18,000
(See Vendor Profile Page V-30)

RACAL-MILGO, INC.

MODEL 4274 REMOTE CLUSTER
Controller Type: Add-on

Device Controlled: Printers, Display terminals

Specific Equipment Supported: Milgo 4278, 4295, 4550, 4285
Units Controlled: 16
Programmable: Yes
Price: \$7,000 to \$18,000

RANA SYSTEMS

RANA CONTROLLER CARD
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported: Apple, Rana
Units Controlled: 4
Price: \$145
(See Vendor Profile Page V-30)

RASTER TECHNOLOGIES

THE MODEL ONE/25
Controller Type: Add-on
Device Controlled: Display terminals, Color Graphics
Units Controlled: 1
Programmable: Yes
Price: \$10,000 to \$20,000
(See Vendor Profile Page V-30)

RASTER TECHNOLOGIES

THE MODEL ONE/40
Controller Type: Add-on
Device Controlled: Display terminals, Color Graphics
Units Controlled: 1
Programmable: Yes
Price: \$10,000 to \$20,000

RASTER TECHNOLOGIES

THE MODEL ONE/65
Controller Type: Add-on
Device Controlled: Display terminals, Color Graphics
Units Controlled: 1
Programmable: Yes
Price: \$10,000 to \$20,000

RAYTHEON CO.

PTS-2000
Controller Type: Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: Raytheon R2078, R2079, R2187, R2188
Units Controlled: 32
Price: \$2,700
(See Vendor Profile Page V-30)

RAYTHEON CO.

RDS-2074
Controller Type: Add-in, Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: 3274
Units Controlled: 32
Programmable: Yes
Price: \$6,100
(See Vendor Profile Page V-30)

RAYTHEON CO.

RDS-2078
Controller Type: Add-in, Add-on
Device Controlled: Printers, Display terminals
Specific Equipment Supported: IBM 3278
Units Controlled: 32
Programmable: Yes
Price: \$2,750

RENAISSANCE TECHNOLOGY

PARALLEL BUFF-ET
Device Controlled: Printers

Specific Equipment Supported: Centronics Parallel, Apple, Atari, NEC

Units Controlled: 1
Programmable: No
Price: \$219 to \$299
(See Vendor Profile Page V-31)

RENAISSANCE TECHNOLOGY

PC BUFF-ET
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: IBM Personal Computer
Units Controlled: 1
Programmable: No
Price: \$249 to \$329

RENAISSANCE TECHNOLOGY

SERIAL BUFF-ET
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported: IBM Personal Computer
Units Controlled: 1
Price: \$219 to \$299

RENEX CORP.

TRANSLATOR RT 5/9/13/17/21/25/33
Controller Type: Add-on
Device Controlled: Printers, Teleprinters, Display terminals, Plotters
Specific Equipment Supported: Over 100 models of asynchronous terminals
Price: \$4,950 to \$18,950

RENEX CORP.

6901 Old Keene Mill Road
Springfield, VA 22150
(703) 451-2200

Major Market: Terminal, Peripheral, Communications Equipment Manufacturing, OEM Peripherals/Terminals, Maintenance/Other Services
Target Industries: Computer Manufacturers and IBM users

Contacts: Head of Marketing/Sales: Mike McCall
Established: 1975
Number of Employees: 25
Geographic Coverage: International
Net Sales: \$2.1 Million (1982)

RIANDA ELECTRONICS

1200 LINE PRINTER CONTROLLER
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Printronix
Units Controlled: 1
Programmable: Yes
Price: \$420
(See Vendor Profile Page V-31)

RIANDA ELECTRONICS

1939 MAG TAPE CONTROLLER
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: STC 1968
Units Controlled: 4
Programmable: Yes
Price: \$9,980

RIANDA ELECTRONICS

2300 MAG TAPE CONTROLLER
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Cipher F910
Units Controlled: 1
Programmable: No
Price: \$1,600

RIANDA ELECTRONICS

2400 DISK DRIVE CONTROLLER
Controller Type: Add-in
Device Controlled: Cassette/Cartridges Devices
Specific Equipment Supported: CDC 9755
Units Controlled: 4
Programmable: No
Price: \$1,600

RIANDA ELECTRONICS

2500 DISK DRIVE CONTROLLER
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: Fujitsu 2351
Units Controlled: 4
Programmable: Yes
Price: \$3,800
(See Vendor Profile Page V-31)

RIANDA ELECTRONICS

2570 DISK DRIVE CONTROLLER
Controller Type: Add-in
Device Controlled: Rigid disk drives, Cassette/Cartridges Devices
Specific Equipment Supported: CDC 9755
Units Controlled: 5
Programmable: Yes
Price: \$3,100

RIANDA ELECTRONICS

2570T MAG TAPE CONTROLLER
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: Archive Sidewinder
Units Controlled: 1
Programmable: No
Price: \$1,600

RIANDA ELECTRONICS

2600
Controller Type: Add-in
Device Controlled: Printers, Teleprinters, Display terminals, Real Time Clock
Specific Equipment Supported: Printronix Printer, Teletype Teleprinter, Teletype Terminal
Units Controlled: 16
Programmable: No
Price: \$1,900

RIANDA ELECTRONICS

2700LP
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Printronix
Units Controlled: 1
Programmable: Yes
Price: \$800

RIANDA ELECTRONICS

2710LP
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported: Printronix
Units Controlled: 1

Controllers

Programmable: Yes
Price: \$1,300

NIANDA ELECTRONICS

2910 DISK DRIVE CONTROLLER
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Prium, Priam, Micropolis, Cipher
Quarterback
Units Controlled: 4
Programmable: Yes
Price: \$1,900

ROSSCOMP CORP.

C1160
Controller Type: Add-on
Device Controlled: Rigid disk drives,
Magnetic Tape Drives
Specific Equipment Supported:
Rosscomp D160, Shugart SA 1000,
Quantum Q2000
Units Controlled: 4
Price: \$1,750
(See Vendor Profile Page V-31)

ROSSCOMP CORP.

C161
Controller Type: Add-on
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Rosscomp
Units Controlled: 1
Price: \$650
(See Vendor Profile Page V-31)

ROSSCOMP CORP.

C162
Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Rosscomp D160
Units Controlled: 1

ROSSCOMP CORP.

C163
Controller Type: Add-on
Device Controlled: Rigid disk drives,
Magnetic Tape Drives
Specific Equipment Supported:
Shugart SA 1000, Quantum Q2000
Units Controlled: 3
Price: \$199

SCIENTIFIC MICRO SYSTEMS

FD0302-M
Controller Type: Add-on
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart SA400
Units Controlled: 3
Programmable: Yes
Price: \$500
(See Vendor Profile Page V-31)

SCIENTIFIC MICRO SYSTEMS

FD0500
Controller Type: Add-in
Device Controlled: Display
terminals, Floppy disk drives
Specific Equipment Supported:
Shugart 800 12/850, Pertec 511,
Memorex 550/552, Qume Data
Track
Units Controlled: 4
Price: \$900

SCIENTIFIC MICRO SYSTEMS

FD0507-M
Controller Type: Add-in
Device Controlled: Floppy disk
drives

Specific Equipment Supported:
Shugart SA4001/SA4, SA410, SA4;
Wangco 82, MPI 51/52, 91/
Units Controlled: 3
Programmable: Yes
Price: \$700

SCIENTIFIC MICRO SYSTEMS

FD00101
Controller Type: Add-in
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported: d:
DEC RX02, RX02, IBM 3740, 2/2D
Units Controlled: 4
Programmable: Yes
Price: \$2,400

SCIENTIFIC MICRO SYSTEMS

FD01005
Controller Type: Add-in
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Seagate ST 506/412; Shugart SA
410/460, SA 810/860
Units Controlled: 4
Programmable: Yes
Price: \$2,100

SCIENTIFIC MICRO SYSTEMS

FD01101
Controller Type: Add-in
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
DEC RX02
Units Controlled: 4
Programmable: Yes
Price: \$2,400

SCIENTIFIC MICRO SYSTEMS

FD01106
Controller Type: Add-in
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Seagate ST 506/412; Shugart SA
410/460, SA 810/860
Units Controlled: 4
Programmable: Yes
Price: \$2,100

SCIENTIFIC MICRO SYSTEMS

FD05001
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Shugart 1403, 800, 850
Units Controlled: 4
Programmable: Yes
Price: \$1,400

SCIENTIFIC MICRO SYSTEMS

FD08001
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Shugart 800, 850, 1403
Units Controlled: 4
Programmable: Yes
Price: \$1,500

SCIENTIFIC MICRO SYSTEMS

FD08006
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Seagate
Price: \$1,400

SCIENTIFIC MICRO SYSTEMS

FD08008
Controller Type: Add-in

Device Controlled: Floppy disk
drives, Rigid disk drives
Units Controlled: 4
Programmable: Yes
Price: \$1,400

SCIENTIFIC MICRO SYSTEMS

FD01180
Controller Type: Add-on
Device Controlled:
Cassette/Cartridges Devices
Specific Equipment Supported:
Kennedy
Units Controlled: 1
Programmable: No
Price: \$4,500

SD SYSTEMS, INC.

FW11
Controller Type: Add-in
Device Controlled: Floppy disk
drives, Rigid disk drives
Units Controlled: 4
Programmable: No
Price: \$895
(See Vendor Profile Page V-31)

SD SYSTEMS, INC.

VERSAFLOPPY II
Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: No
Price: \$400

S. GOLDMAN CO.

PM-3001
Controller Type: Add-on
Device Controlled: Floppy disk
drives
Units Controlled: 8
Programmable: Yes
Price: \$730
(See Vendor Profile Page V-32)

S. GOLDMAN CO.

PM-3010
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Units Controlled: 8
Programmable: Yes
Price: \$750

SHUGART ASSOCIATES, INC.

SA1401
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: No
Price: \$612
(See Vendor Profile Page V-32)

SHUGART ASSOCIATES, INC.

SA1401-1
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: No
Price: \$612

SHUGART ASSOCIATES, INC.

SA1403
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Price: \$1,003

SHUGART ASSOCIATES, INC.

SA1403D
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: No
Price: \$861

SHUGART ASSOCIATES, INC.

SA1403D-1
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: No
Price: \$861

SHUGART ASSOCIATES, INC.

SA1403E
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: No
Price: \$861

SHUGART ASSOCIATES, INC.

SA1410A
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: Yes
Price: \$299

SHUGART ASSOCIATES, INC.

SA1420A
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: Yes
Price: \$467

SHUGART ASSOCIATES, INC.

SA1601
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: Yes
Price: \$366

SHUGART ASSOCIATES, INC.

SA1603
Controller Type: Add-on
Device Controlled: Floppy disk
drives, Rigid disk drives
Units Controlled: 4
Programmable: Yes
Price: \$461

SHUGART ASSOCIATES, INC.

SA1610
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Shugart
Units Controlled: 4
Programmable: Yes
Price: \$312

SHUGART ASSOCIATES, INC.

SA1620
Controller Type: Add-on
Device Controlled: Floppy

Controllers

disk drives, Rigid disk drives
Specific Equipment Supported:
 Shugart
 Units Controlled: 4
 Programmable: Yes
 Price: \$416

SHUGART ASSOCIATES, INC.
 SA1620
 Controller Type: Add-on
 Device Controlled: Floppy disk
 drives, Rigid disk drives
Specific Equipment Supported:
 Shugart
 Units Controlled: 4
 Programmable: Yes
 Price: \$416

SIGMA DESIGNS, INC.
 SDI-FLOPPY
 Controller Type: Add-in
 Device Controlled: Floppy disk
 drives
Specific Equipment Supported:
 Tandon TM100-2
 Units Controlled: 4
 Price: \$220
 (See Vendor Profile Page V-32)

SIGMA INFORMATION SYSTEMS, INC.
 SDC-RLV12
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Units Controlled: 4
 Programmable: Yes
 Price: \$871
 (See Vendor Profile Page V-32)

SIGMA INFORMATION SYSTEMS, INC.
 SDC-RXV21
 Controller Type: Add-in
 Device Controlled: Floppy disk
 drives
 Units Controlled: 2
 Programmable: Yes
 Price: \$871

SIGMA SIGNAL BROADCASTING
 DCB-4A
 Controller Type: Add-in
 Device Controlled: Floppy disk
 drives
 Units Controlled: 4
 Programmable: Yes
 Price: \$549
 (See Vendor Profile Page V-32)

SIGMA SIGNAL BROADCASTING
 DCB-4E
 Controller Type: Add-in
 Device Controlled: Floppy disk
 drives
 Units Controlled: 4
 Price: \$695

SIGMA SIGNAL BROADCASTING
 PSA-1
 Controller Type: Add-in
 Device Controlled: Floppy disk
 drives, Tape Streamers
Specific Equipment Supported:
 Sasi, Priam, Archive
 Units Controlled: 36
 Programmable: Yes
 Price: \$1,450

SORRENTO VALLEY ASSOCIATES
 MEGAFIX MXH853
 Controller Type: Add-on

Device Controlled: Floppy disk
 drives
Specific Equipment Supported:
 Apple II, III
 Units Controlled: 1
 Programmable: Yes
 Price: \$349
 (See Vendor Profile Page V-32)

SOUTHERN SYSTEMS, INC.
 DEC PDP-11 9060
 Controller Type: Add-in
 Device Controlled: Printers
Specific Equipment Supported:
 Dataproducts 2200
 Units Controlled: 1
 (See Vendor Profile Page V-32)

SPECTRA LOGIC CORP.
 SPECTRA 10
 Controller Type: Add-in, Add-on
 Device Controlled: Floppy disk
 drives, Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 4
 Programmable: Yes
 Price: \$2,600
 (See Vendor Profile Page V-32)

SPECTRA LOGIC CORP.
 SPECTRA 12
 Controller Type: Add-in, Add-on
 Device Controlled: Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 4
 Programmable: Yes
 Price: \$2,700

SPECTRA LOGIC CORP.
 SPECTRA 14
 Controller Type: Add-in, Add-on
 Device Controlled: Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 4
 Programmable: Yes
 Price: \$3,100

SPECTRA LOGIC CORP.
 SPECTRA 15
 Controller Type: Add-in, Add-on
 Device Controlled: Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 2
 Programmable: Yes
 Price: \$2,000

SPECTRA LOGIC CORP.
 SPECTRA 16
 Controller Type: Add-in, Add-on
 Device Controlled: Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 4
 Programmable: Yes
 Price: \$2,800

SPECTRA LOGIC CORP.
 SPECTRA 20
 Controller Type: Add-in, Add-on
 Device Controlled: Rigid disk drives,
 Magnetic Tape Drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 12
 Programmable: Yes
 Price: \$3,200

SPECTRA LOGIC CORP.
 SPECTRA 21
 Controller Type: Add-in, Add-on
 Device Controlled: Rigid disk drives,

Magnetic Tape Drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 8
 Programmable: Yes
 Price: \$3,200

SPECTRA LOGIC CORP.
 SPECTRA 25
 Controller Type: Add-in, Add-on
 Device Controlled: Rigid disk drives,
 Magnetic Tape Drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 6
 Programmable: Yes
 Price: \$2,250

SPECTRA LOGIC CORP.
 SPECTRA 28
 Controller Type: Add-in, Add-on
 Device Controlled: Magnetic Tape
 Drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 4
 Programmable: Yes
 Price: \$3,200

SPECTRA LOGIC CORP.
 SPECTRA 30
 Controller Type: Add-in, Add-on
 Device Controlled: Floppy disk
 drives, Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 4
 Programmable: Yes
 Price: \$1,150

SPECTRA LOGIC CORP.
 SPECTRA 36
 Controller Type: Add-in
 Device Controlled: Floppy disk
 drives, Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 4
 Programmable: Yes
 Price: \$1,350

SPECTRA LOGIC CORP.
 SPECTRA 46
 Controller Type: Add-in, Add-on
 Device Controlled: Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
 Units Controlled: 4
 Programmable: Yes
 Price: \$3,300

SPUR PRODUCTS CORP.
 S1403
 Controller Type: Add-on
 Device Controlled: Printers
Specific Equipment Supported:
 IBM 1403
 Units Controlled: 1
 Price: \$15,000
 (See Vendor Profile Page V-33)

SSM MICROCOMPUTER PRODUCTS, INC.
 AIO-1
 Controller Type: Add-in
 Device Controlled: Printers
 Units Controlled: 1
 Programmable: Yes
 Price: \$225
 (See Vendor Profile Page V-33)

SSM MICROCOMPUTER PRODUCTS, INC.
 APPLC
 Controller Type: Add-in

Device Controlled: Printers
 Units Controlled: 1
 Programmable: Yes
 Price: \$129

STRATUS COMPUTER, INC.
 D-100
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
Specific Equipment Supported:
 Priam
 Units Controlled: 4
 Programmable: No
 Price: \$6,500
 (See Vendor Profile Page V-33)

STRATUS COMPUTER, INC.
 D-104
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
Specific Equipment Supported:
 CDC
 Units Controlled: 4
 Programmable: No
 Price: \$9,000

STRATUS COMPUTER, INC.
 T-100
 Controller Type: Add-in
 Device Controlled: Magnetic Tape
 Drives
Specific Equipment Supported:
 Cipher
 Units Controlled: 1
 Programmable: No
 Price: \$5,500

SYSGEN
 SC-1000/SC-2000
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
Specific Equipment Supported:
 Archive, DEI, Cipher, Roscomp
 Units Controlled: 4
 Programmable: No
 Price: \$1,000
 (See Vendor Profile Page V-33)

SYSGEN
 SC-2100/SC-2200
 Controller Type: Add-in
 Device Controlled: Rigid disk drives,
 Streaming Tape
Specific Equipment Supported:
 Archive, DEI, Cipher, Roscomp
 Units Controlled: 4
 Programmable: No
 Price: \$1,000

SYSGEN
 SC-2101
 Device Controlled: Rigid disk drives
 Units Controlled: 4
 Programmable: No
 Price: \$1,000

SYSGEN
 SC-2111
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Units Controlled: 4
 Programmable: No
 Price: \$1,000

SYSGEN
 SC-2131
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Units Controlled: 4
 Programmable: No
 Price: \$1,000

SYSGEN
 SC-2201
 Controller Type: Add-in

Controllers

Device Controlled: Rigid disk drives
Units Controlled: 4
Price: \$1,000

SYSGEN

SC-3000

Controller Type: Add-in
Device Controlled: Rigid disk drives,
Streaming Tape
Specific Equipment Supported:
CDC, Fujitsu
Units Controlled: 2
Programmable: No
Price: \$1,000

SYSGEN

SC-3000

Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Units Controlled: 2
Price: \$1,000

SYSGEN

SC-4000

Controller Type: Add-in
Device Controlled: Streaming Tape
Units Controlled: 4
Programmable: No
Price: \$1,000

SYSGEN

SC-4000

Controller Type: Add-in
Device Controlled: Streaming Tape
Specific Equipment Supported:
Archive
Units Controlled: 1
Programmable: No
Price: \$300

SYSTECH, INC.

MLP-2000 DUAL LINE

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Centronics
Units Controlled: 2
Programmable: No
Price: \$850
(See Vendor Profile Page V-33)

SYSTECH, INC.

MTI-800A/1600A

Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 16
Programmable: No
Price: \$1,895

SYSTECH, INC.

BTC-4400

Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Cipher, Archive, DEI
Programmable: No
Price: \$795

SYSTEM INDUSTRIES, INC.

3100

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9762, 9775; Fujitsu 2284
Units Controlled: 4
Programmable: Yes
Price: \$13,000 to \$23,500
(See Vendor Profile Page V-34)

SYSTEM INDUSTRIES, INC.

8100

Controller Type: Add-in
Device Controlled: Rigid disk drives

Specific Equipment Supported:
CDC 9762, 9766; Fujitsu 2284
Units Controlled: 4
Programmable: Yes
Price: \$11,500 to \$19,000

SYSTEM INDUSTRIES, INC.

9700

Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
STC 1953
Units Controlled: 4
Programmable: Yes
Price: \$35,200 to \$39,900

SYSTEM INDUSTRIES, INC.

9900

Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
CDC 9762, 9766; Fujitsu 474
Units Controlled: 8
Programmable: Yes
Price: \$14,300 to \$25,000

SYSTEMS GROUP

CPC-29

Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported: DEI
Units Controlled: 1
Price: \$385
(See Vendor Profile Page V-34)

SYSTEMS GROUP

FDC-2800

Controller Type: Add-in
Device Controlled: Floppy disk
drives
Units Controlled: 4
Programmable: Yes
Price: \$408

SYSTEMS GROUP

HDC-2500

Controller Type: Add-in
Device Controlled: Rigid disk drives
Units Controlled: 2
Programmable: Yes
Price: \$408

SYSTEMS RESEARCH, INC.

CP 3680

Controller Type: Add-on
Device Controlled: Teleprinters,
Display terminals, Floppy disk drives,
Rigid disk drives, Plotters
Specific Equipment Supported:
Burroughs B20-900, B30-900, B40-
900
Programmable: Yes
Price: \$75,000
(See Vendor Profile Page V-34)

TANDEM COMPUTERS, INC.

3108

Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
Tandem
Units Controlled: 8
Price: \$10,500
(See Vendor Profile Page V-34)

TANDEM COMPUTERS, INC.

3262

Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Amplex, Kennedy
Units Controlled: 2

Programmable: No
Price: \$4,800

TANDEM COMPUTERS, INC.

3206

Controller Type: Add-in
Device Controlled: Magnetic Tape
Drives
Specific Equipment Supported:
Telex
Units Controlled: 2
Price: \$6,100

TANDEM COMPUTERS, INC.

3401

Controller Type: Add-in
Device Controlled: Printers, Card
Readers
Units Controlled: 2
Price: \$2,800

TANDEM COMPUTERS, INC.

6303

Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 2
Price: \$3,600

TARBELL ELECTRONICS

1011 SINGLE DENSITY FLOPPY

Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart, Qume
Units Controlled: 4
Price: \$325
(See Vendor Profile Page V-34)

TARBELL ELECTRONICS

2022-DOUBLE DENSITY FLOPPY

Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Shugart, Qume
Units Controlled: 4
Price: \$495

TARBELL ELECTRONICS

3033 CPU I/O BOARD

Controller Type: Add-in
Device Controlled: Display terminals
Units Controlled: 2
Programmable: Yes
Price: \$450

TARBELL ELECTRONICS

4044 ASRP

Device Controlled: Printers, Display
terminals
Units Controlled: 4
Programmable: No
Price: \$450

TEAC CORP. OF AMERICA

FC-55

Controller Type: Add-in
Device Controlled: Floppy disk
drives
Specific Equipment Supported:
Teac FD-55A, B, Teac FD-55G, F
Units Controlled: 4
Price: \$400
(See Vendor Profile Page V-34)

TEATRONICS, INC.

DATA CUE II

Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Units Controlled: 2
Programmable: Yes
Price: \$10,000
(See Vendor Profile Page V-34)

TELCOM INDUSTRIES, INC.

DATAMAX

Controller Type: Add-on
Device Controlled: Printers,
Teleprinters, Display terminals,
Floppy disk drives, Rigid disk drives,
Plotters, Magnetic Tape Drives,
Cassette/Cartridge Devices,
Memory Devices
Specific Equipment Supported:
Shugart, Centronics
Units Controlled: 64
Price: \$8,000 to \$70,000
(See Vendor Profile Page V-34)

TELETRONIC, INC.

ML644

Controller Type: Add-in
Device Controlled: Printers, Display
terminals
Units Controlled: 3
Programmable: Yes
Price: \$850
(See Vendor Profile Page V-34)

TELERAY

MICROTECH

Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
Digitech, HP
Units Controlled: 1
Programmable: Yes
Price: \$1,200
(See Vendor Profile Page V-36)

TELEX COMPUTER

PRODUCTS, INC.

MODEL 174-1

Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Telex
Units Controlled: 8
Price: \$5,000
(See Vendor Profile Page V-36)

TELEX COMPUTER

PRODUCTS, INC.

MODEL 174-2

Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Telex
Units Controlled: 16
Price: \$8,500

TELEX COMPUTER

PRODUCTS, INC.

MODEL 274

Controller Type: Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Telex
Units Controlled: 32
Programmable: Yes

TELEX COMPUTER

PRODUCTS, INC.

MODEL 276 DISPLAY

Controller Type: Add-in, Add-on
Device Controlled: Printers, Display
terminals
Specific Equipment Supported:
Telex, IBM
Units Controlled: 7
Price: \$5,900

TERMINAL DATA CORP.

SYS 2000/20

Controller Type: Add-in

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INNOVATIVE ELECTRONICS, INC. ■ 4714 NW 165th Street Miami, Florida 33014 ■ (305) 624-1644 Telex. 807121

Controllers

Device Controlled: Floppy disk drives
 Specific Equipment Supported: Shugart SA400
 Units Controlled: 7
 Programmable: Yes
 Price: \$895
 (See Vendor Profile Page V-37)

TERMINAL DATA CORP.
 SYSTEM 2000/10
 Controller Type: Add-in
 Device Controlled: Floppy disk drives
 Specific Equipment Supported: Shugart SA400
 Units Controlled: 7
 Programmable: Yes
 Price: \$895
 (See Vendor Profile Page V-37)

TERM-TRONICS
 3270-4
 Controller Type: Add-on
 Device Controlled: Printers, Display terminals
 Specific Equipment Supported: GE 2120, Termitronic
 Units Controlled: 24
 Programmable: No
 Price: \$2,995
 (See Vendor Profile Page V-37)

TERM-TRONICS
 3270-8
 Controller Type: Add-in
 Device Controlled: Printers, Display terminals
 Specific Equipment Supported: GE, Termitronic
 Units Controlled: 8
 Programmable: No
 Price: \$2,895

TRANSWAVE CORP.
 K8078
 Controller Type: Add-on
 Device Controlled: Printers, Teleprinters, Display terminals, Floppy disk drives, Magnetic Tape Drives, Cassette/Cartridges Devices, Memory Devices
 Programmable: Yes
 (See Vendor Profile Page V-37)

TRANSWAVE CORP.
 K8073B X CALIBUR
 Controller Type: Add-on
 Device Controlled: Printers, Teleprinters, Display terminals, Floppy disk drives, Magnetic Tape Drives, Cassette/Cartridges Devices, Memory Devices
 Programmable: Yes

TRANSWAVE CORP.
 TC2
 Controller Type: Add-on
 Device Controlled: Printers, Teleprinters, Display terminals, Floppy disk drives, Magnetic Tape Drives, Cassette/Cartridges Devices, Memory Devices
 Programmable: Yes
 (See Vendor Profile Page V-37)

TRT DATA PRODUCTS
 DATA CONCENTRATOR
 Controller Type: Add-in
 Device Controlled: Printers, Display terminals
 Units Controlled: 64
 Programmable: Yes
 Price: \$50,000
 (See Vendor Profile Page V-38)

TRT DATA PRODUCTS
 DATA ROUTER
 Controller Type: Add-on
 Device Controlled: Display terminals, Magnetic Tape Drives, Tape Readers
 Units Controlled: 16
 Programmable: Yes
 Price: \$8,000

TRT DATA PRODUCTS
 DATA SELECTOR
 Controller Type: Add-in, Add-on
 Device Controlled: Display terminals, Magnetic Tape Drives
 Units Controlled: 16
 Programmable: Yes
 Price: \$8,000

TYMSHARE, INC.
 ASE 9601
 Controller Type: Add-in
 Device Controlled: Printers, Display terminals
 Specific Equipment Supported: Printronics
 Units Controlled: 32
 Programmable: No
 Price: \$4,000
 (See Vendor Profile Page V-38)

TYMSHARE, INC.
 ASE 9605
 Controller Type: Add-in
 Device Controlled: Printers, Display terminals
 Specific Equipment Supported: Printronics
 Units Controlled: 32
 Programmable: No
 Price: \$5,500

UNIVATION, INC.
 FLOPPY DISK CONTROLLER ICF-5 & IC
 Controller Type: Add-in
 Device Controlled: Floppy disk drives
 Specific Equipment Supported: Tandon, Siemens, Datamac
 Units Controlled: 4
 Programmable: No
 Price: \$295
 (See Vendor Profile Page V-38)

U.S. DESIGN CORP.
 MODEL 2250
 Controller Type: Add-in
 Device Controlled: Magnetic Tape Drives
 Specific Equipment Supported: DEI Funnel
 Units Controlled: 4
 Programmable: Yes
 Price: \$4,995
 (See Vendor Profile Page V-38)

U.S. DESIGN CORP.
 MODEL 3450
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Specific Equipment Supported: Priam
 Units Controlled: 4
 Programmable: Yes
 Price: \$9,995

VERMONT RESEARCH CORP.
 4107
 Controller Type: Add-on
 Device Controlled: Memory Devices
 Specific Equipment Supported: VRC 4016, VRC 4040, Gauto SPC 16/440
 Units Controlled: 1

Programmable: No
 Price: \$3,340
 (See Vendor Profile Page V-38)

VERMONT RESEARCH CORP.
 4108
 Controller Type: Add-on
 Device Controlled: Memory Devices
 Specific Equipment Supported: VRC 4016, VRC 4040, PE Interdata
 Units Controlled: 1
 Programmable: No
 Price: \$3,575

VERMONT RESEARCH CORP.
 4401
 Controller Type: Add-on
 Device Controlled: Display terminals, Memory Devices
 Specific Equipment Supported: VRC 4016, VRC 4040, DEC PDP
 Units Controlled: 2
 Programmable: No
 Price: \$4,365

VERMONT RESEARCH CORP.
 4402
 Controller Type: Add-on
 Device Controlled: Memory Devices
 Specific Equipment Supported: VRC 4016, VRC 4040, DEC PDP 8E
 Units Controlled: 2
 Programmable: No
 Price: \$3,770

VERMONT RESEARCH CORP.
 4404
 Controller Type: Add-on
 Device Controlled: Memory Devices
 Specific Equipment Supported: VRC 4016, VRC 4040, DG Nova Series
 Units Controlled: 1
 Programmable: No
 Price: \$3,575

VERMONT RESEARCH CORP.
 4410
 Controller Type: Add-on
 Device Controlled: Memory Devices
 Specific Equipment Supported: VRC 4016, VRC 4040, Modcomp Classic SE
 Units Controlled: 1
 Programmable: No
 Price: \$3,170

VERMONT RESEARCH CORP.
 8421
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Specific Equipment Supported: VRC MOD 8010, MOD 8520; DEC PDP 11/70
 Units Controlled: 1
 Programmable: No
 Price: \$2,275

VERMONT RESEARCH CORP.
 8451
 Controller Type: Add-on
 Device Controlled: Rigid disk drives
 Specific Equipment Supported: VRC 8010, 8520
 Units Controlled: 8
 Programmable: No
 Price: \$1,000

VERSATEC, INC.
 IXX INTERFACES
 Controller Type: Add-on
 Device Controlled: Plotters
 Specific Equipment Supported: HP, PE, IBM, DG
 Units Controlled: 4

Programmable: No
 (See Vendor Profile Page V-38)

VERSATEC, INC.
 RANDOM ELEMENT PROCESSOR
 Controller Type: Add-on
 Device Controlled: Plotters
 Specific Equipment Supported: HP, PE, IBM, DG
 Units Controlled: 4
 Programmable: No

VERSATEC, INC.
 VECTOR TO RASTER CONVERTER
 Controller Type: Add-on
 Device Controlled: Plotters
 Specific Equipment Supported: HP, PE, IBM, DG
 Units Controlled: 4
 Programmable: No

VISTA COMPUTER CO., INC.
 A800 DOUBLE DENSITY
 Controller Type: Add-in
 Device Controlled: Floppy disk drives
 Specific Equipment Supported: Shugart
 Units Controlled: 2
 Programmable: No
 Price: \$265
 (See Vendor Profile Page V-38)

WESPERCORP
 DC-220
 Controller Type: Add-in
 Device Controlled: Cassette/Cartridge Devices
 Specific Equipment Supported: DG
 Units Controlled: 4
 (See Vendor Profile Page V-39)

WESPERCORP
 DC-221
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Specific Equipment Supported: DG
 Units Controlled: 4

WESPERCORP
 DC-230
 Controller Type: Add-in
 Device Controlled: Cassette/Cartridge Devices
 Specific Equipment Supported: DEC
 Units Controlled: 8

WESPERCORP
 DC-231
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Specific Equipment Supported: DEC
 Units Controlled: 4

WESPERCORP
 DC-231A
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Specific Equipment Supported: DEC
 Units Controlled: 4

WESPERCORP
 DC-251
 Controller Type: Add-in
 Device Controlled: Rigid disk drives
 Specific Equipment Supported: DEC
 Units Controlled: 2

WESPERCORP
 TAPE DIMENSION III
 Controller Type: Add-on

Controllers

Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
 DEC PDP-11, VAX
Units Controlled: 4
Programmable: No
Price: \$1,983

WESPERCORP
 TC-30
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 DEC PDP-11, VAX
Units Controlled: 8
Programmable: No
Price: \$1,435

WESPERCORP
 TC-50
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 DEC PDP-11, DEC
Units Controlled: 8
Programmable: No
Price: \$1,435

WESPERCORP
 TC-110
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
 IBM
Units Controlled: 4

WESPERCORP
 TC-120
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DG
Units Controlled: 8

WESPERCORP
 TC-130
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DG
Units Controlled: 8
Programmable: No
Price: \$3,410

WESPERCORP
 TC-131
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DEC
Units Controlled: 8

WESPERCORP
 TC-140
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: PE
Units Controlled: 4

WESPERCORP
 TC-151
Controller Type: Add-in
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported: DEC
Units Controlled: 8

WESPERCORP
 TC-160
Controller Type: Add-in
Device Controlled:

Cassette/Cartridges Devices
Specific Equipment Supported:
 DEC
Units Controlled: 8

WESPERCORP
 TC-170
Controller Type: Add-in
Device Controlled:
 Cassette/Cartridges Devices
Specific Equipment Supported: DG
Units Controlled: 8

WESPERCORP
 TC-180
Controller Type: Add-in
Device Controlled:
 Cassette/Cartridges Devices
Specific Equipment Supported: DEC
Units Controlled: 8

WESPERMICRO SYSTEMS, INC.
 BFO
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Price: \$179
(See Vendor Profile Page V-39)

WESPERMICRO SYSTEMS, INC.
 EBI
Controller Type: Add-in
Device Controlled: Printers
Specific Equipment Supported:
 Epson
Units Controlled: 1
Programmable: No
Price: \$139 to \$195

WESPERMICRO SYSTEMS, INC.
 IBM SPOOLER CARD P
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$289

WESPERMICRO SYSTEMS, INC.
 IBM SPOOLER CARD SP
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$349

WESPERMICRO SYSTEMS, INC.
 IPI
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$87

WESPERMICRO SYSTEMS, INC.
 SBO
Controller Type: Add-in
Device Controlled: Printers
Units Controlled: 1
Programmable: No
Price: \$249

WESPERMICRO SYSTEMS, INC.
 TAPE DIMENSION III
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:

DEC PDP-11 Series, VAX-11 Series
Units Controlled: 4
Programmable: Yes
Price: \$1,983

WESPERMICRO SYSTEMS, INC.
 TC131
Controller Type: Add-on
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
 DEC PDP-11, VAX
Units Controlled: 8
Programmable: Yes
Price: \$3,300

WESTERN DIGITAL CORP.
 WD1002 WINCHESTER/FLOPPY
Controller Type: Add-on
Device Controlled: Floppy disk drives, Rigid disk drives
Specific Equipment Supported:
 Seagate ST506, Shugart SA450
Units Controlled: 7
(See Vendor Profile Page V-39)

WESTERN DIGITAL CORP.
 WD1010 WINCHESTER CONTROLLER
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 Seagate ST506, Shugart SA1000
Units Controlled: 1
(See Vendor Profile Page V-39)

WESTERN DIGITAL CORP.
 WD1050 SMD CONTROLLER
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported: CDC

WESTREX OEM PRODUCTS
 MODEL 6500
Controller Type: Add-on
Device Controlled: Printers
Specific Equipment Supported:
 Westrex 800 Series
Units Controlled: 1
Programmable: No
Price: \$200
(See Vendor Profile Page V-39)

XCOMP, INC.
 CD/S
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 Western Dynex N600, Ampex DM, Microdata, CDC Hawk
Units Controlled: 4
Programmable: Yes
Price: \$700
(See Vendor Profile Page V-39)

XCOMP, INC.
 SG/S
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 Shugart 1000 Series, Quantum
Units Controlled: 1
Programmable: Yes
Price: \$600

XCOMP, INC.
 SM/S
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 CDC Phoenix, CDC Lark, BASF, Priam 3350
Units Controlled: 1

Programmable: Yes
Price: \$700

XCOMP, INC.
 ST/S
Controller Type: Add-on
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 Miniscribe, Rodime, CMI, Seagate
Units Controlled: 1
Programmable: Yes
Price: \$600

XYLOGICS, INC.
 440
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 CDC, Fujitsu, Ampex
Units Controlled: 4
Programmable: Yes
Price: \$2,295
(See Vendor Profile Page V-40)

XYLOGICS, INC.
 450
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 Fujitsu, CDC, Ampex
Units Controlled: 4
Programmable: Yes
Price: \$2,295

XYLOGICS, INC.
 473
Device Controlled: Magnetic Tape Drives
Specific Equipment Supported:
 Pertec, Kennedy, CDC, Cipher
Units Controlled: 8
Programmable: Yes
Price: \$1,795

ZAIA COMMUNICATIONS, INC.
 VOICE ENCODER
Controller Type: Add-in
Device Controlled: Rigid disk drives
Specific Equipment Supported:
 Rodime 406
Units Controlled: 4
Programmable: Yes
Price: \$5,000
(See Vendor Profile Page V-40)

ZENDEX CORP.
 ZBX-2188
Controller Type: Add-in
Device Controlled: Floppy disk drives
Specific Equipment Supported:
 Shugart SA801, SA400
Units Controlled: 4
Programmable: Yes
Price: \$480
(See Vendor Profile Page V-40)

ZENDEX CORP.
 ZX-118 QUAD SERIAL
Device Controlled: Display terminals
Units Controlled: 4
Programmable: Yes
Price: \$1,495

ZENDEX CORP.
 ZX-200A
Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported:
 Shugart SA801
Units Controlled: 4
Programmable: Yes
Price: \$1,500

Controllers

ZENDEX CORP.

ZX-203

Controller Type: Add-on
Device Controlled: Floppy disk drives, Rigid disk drives
Units Controlled: 4
Programmable: Yes
Price: \$2,795

ZENDEX CORP.

ZX-205

Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Shugart SA801, SA400
Units Controlled: 4
Programmable: Yes
Price: \$506

ZENDEX CORP.

ZX-388A

Controller Type: Add-on
Device Controlled: Floppy disk drives
Specific Equipment Supported: Shugart SA801, SA400
Units Controlled: 4
Programmable: Yes
Price: \$980

ZILOG, INC.

SYSTEM 8000 MODEL 31

Controller Type: Add-on
Device Controlled: Printers, Teleprinters, Display terminals, Floppy disk drives, Rigid disk drives, Plotters, Magnetic Tape Drives, Cassette/Cartridges Devices, Memory Devices
Units Controlled: 24
Programmable: Yes
Price: \$31,950
(See Vendor Profile Page V-40)

ZILOG, INC.

SYSTEM 8000 MODEL 11

Controller Type: Add-on
Device Controlled: Printers, Teleprinters, Display terminals, Floppy disk drives, Rigid disk drives, Plotters, Magnetic Tape Drives, Cassette/Cartridges Devices, Memory Devices
Units Controlled: 8
Programmable: Yes
Price: \$14,950
(See Vendor Profile Page V-40)

ZILOG, INC.

SYSTEM 8000 MODEL 21

Controller Type: Add-on
Device Controlled: Printers, Teleprinters, Display terminals, Floppy disk drives, Rigid disk drives, Plotters, Magnetic Tape Drives, Cassette/Cartridges Devices, Memory Devices
Units Controlled: 24
Programmable: Yes
Price: \$22,950

ADVERTISER'S INDEX

Advertiser's Index

Atacorda Ericsson	A-11
BASF Systems Corp.	Tab Divider 4
Broadway Information Systems	D-11
Century Data	Tab Divider 3
Cipher Data Corp.	C-71
Computer Parts Exchange	C-33, D-5
CW Communications/Inc.	10, 50, A-87, B-47, C-35, C-37, C-40, C-67, C-69
Data Access Systems	B-35
Dataram	C-101
Dialab	A-65
Digital Associates	A-48
Digital Engineering	B-25
Digital Equipment Corp.	Cover 1, A-13, D-1
Envision Technology, Inc.	B-23
Hall-Mark	V-3, V-11, V-17, V-21, V-22, V-26, V-27, V-34, V-37
Hewlett-Packard Co.	B-54, B-55
Interface Systems	A-57
ITT Courier Terminal Systems	B-16, B-17
Leading Edge	Cover 4
MSI Data Corp.	A-19
Northern Technology	A-23
Princeton Graphic	A-27
Protocol Computers	B-60, B-61
Qume Corp.	15
Renex Corp.	D-45
Systems Automation	A-53, D-71
Teletype Corp.	Tab Divider 1
Telrex Computer Products, Inc.	Tab Divider 2
3M Co.	Cover 2, Cover 3
Visual Technology, Inc.	B-37
Wang Laboratories, Inc.	13

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